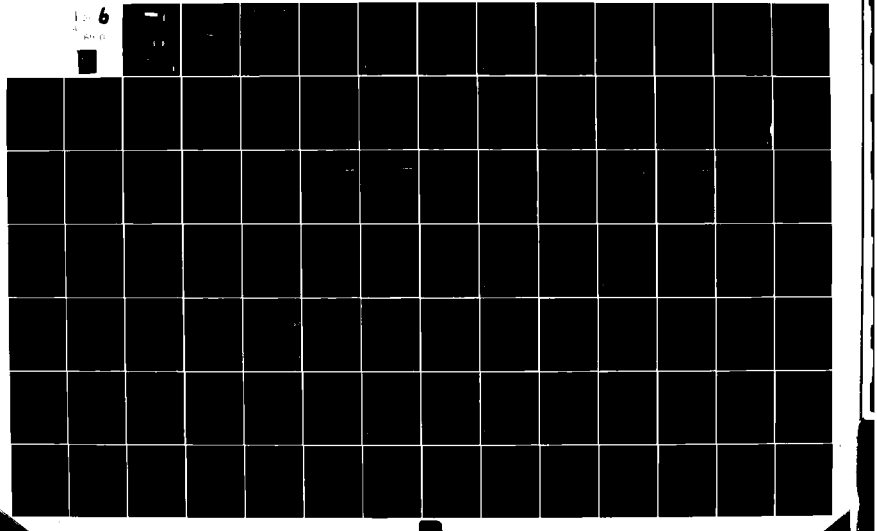
AD-A118 510 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WURTSMITH AFB, MICHIGAN. REVISED UNIFORM SUMMARY OF SURFACE WEA--ETC(U)
JUN 82

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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

WURTSMITH AFB MI MSC #: 726395
N 44 27 W 083 24 FLD ELEV: 634 FT OSC

PARTS A-F
POR: FROM HOURLY OBS: JAN 73 - DEC 81

POR: FROM DAILY OBS: JUL 43 - DEC 45, JAN 51 - DEC 81

TIME CONVERSION GMT TO LST -5

JUN 17 1982

FEDERAL BUILDING
ASHEVILLE, N. C.

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REVIEW AND APPROVAL STATEMENT

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This technical report has been reviewed and is approved for publication.

WAYNE E. MCCOLLOM
Chief, Technical Information Section
USAFETAC/TST

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

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REPORT DOCUMENTATION PAGE

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1. REPORT NUMBER: USAFETAC/DS- 82/037	2. GOVT ACCESSION NO.
3. RECIPIENT'S CATALOG NUMBER	
4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Wurtsmith AFB, Michigan	5. TYPE OF REPORT & PERIOD COVERED: Final rept.
	6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s)	8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS: USAFETAC/OL-A, Air Force Environmental Technical Appl. Center, Scott AFB IL 62225	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS: USAFETAC/CBD, Air Weather Service (MAC), Scott AFB IL 62225	12. REPORT DATE: 17 JUN 1982
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	15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

Supersedes Rept. no. USAFETAC/DS-78-010, AD-A061 834

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statisitical summary of surface weather observations for Wurtsmith AFB, Michigan

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frenquency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

Michigan

Wurtsmith AFB, Michigan

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV .
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY_____	APRIL_____	JULY_____	OCTOBER_____
FEBRUARY_____	MAY_____	AUGUST_____	NOVEMBER_____
MARCH_____	JUNE_____	SEPTEMBER_____	DECEMBER_____

STATION NO. OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WBAN NUMBER
726395	WURTSMITH AFB MICH/OSCODA	N 44 27	W 083 24	634	OSC	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	BT. BARO.	
1	Oscoda AAF Mich	AAF	Jul 43	Aug 43	N 44 28	W 083 24	N/A	N/A	24
2	Same	Same	Sep 43	Oct 43	Same	Same	Same	602 ft	24
3	Same	Same	Nov 43	Dec 45	Same	Same	600	Same	24
4	Same	Same	Nov 50	May 53	Same	Same	Same	Same	24
5	Wurtsmith AFB Oscoda Mich	AFB	Jun 53	Feb 54	Same	W 083 22	635	618 ft	24
6	Same	Same	Mar 54	Mar 60	Same	Same	625	Same	24
7	Same	Same	Apr 60	Mar 68	Same	Same	634	Same	24
8	Same	Same	Apr 68	Nov 76	N 44 27	W 083 24	Same	Same	24
9	Same	Same	Dec 76	Jun 82	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jul 43	N/A	N/A	N/A	N/A	
2	Jun 53	Permanently mounted on top of the weather station bldg	AN/GMQ-1	ML-204-B	30 ft	
3	Mar 54	Located on weather station roof	AN/GMQ-1	N/A	26 ft	
4	Apr 58	Same	Same	ML204-B	Same	
5	Apr 59	Located on top of control tower	Selsyn	N/A	110 ft	
6	Apr 60	Same	Same	Same	30 ft	
7	Mar 61	Located at approach end of rnwy 06 500 ft from centerline and approx 1000 ft from approach end of rnwy 06	AN/GMQ-11	RO-2	13 ft	

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CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
8	Apr 62	Located 1000 ft from end of rnwy 06, 500 ft from centerline on S side	AN/GMQ-11	RO-2	13 ft	
9	Apr 63	1. Located 1000 ft from end of rnwy 06, 500 ft from centerline on S side.	Same	Same	Same	
		2. Located 1000 ft from end of rnwy 24, 500 ft from centerline on S side	Same	Same	Same	
0	Apr 68	1. Located 1010 ft from end of rnwy 06, 500 ft from centerline	Same	RO-2A	Same	
		2. Located 980 ft from end of rnwy 24, 500 ft from centerline	Same	Same	Same	
1	Jul 75	1. Same	Same	RO-362	Same	
		2. Same	Same	Same	Same	
2	Nov 76	1. Same	Same	Same	Same	
		2. Same	Same	Same	Same	
3	Jun 82	Same	Same	Same	Same	

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A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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WEATHER CONDITIONS

26395	WURTSMITH AFB, MI	73-81	JAN.
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		2.5	1.0	29.3		31.4	8.2	1.6	2.7		12.2	837
	03-05		2.7	.7	37.6		40.0	10.3	2.0	3.1		14.5	837
	06-08		3.1	1.7	34.8		38.4	10.3	2.0	3.2		14.3	837
	09-11		2.9	1.9	30.9		35.2	10.5	4.7	3.8		18.2	837
	12-14		2.0	1.3	28.6		31.5	9.1	3.1	4.5		16.6	837
	15-17		2.2	.5	24.0		26.3	8.7	2.7	3.7		14.9	837
	18-20		2.7	.7	26.5		29.4	9.1	2.3	3.6		14.5	837
	21-23		2.6	.2	28.8		31.3	8.0	1.7	3.5		12.8	837
TOTALS			2.6	1.0	30.1		32.9	9.3	2.5	3.5		14.8	6696

2679

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WEATHER CONDITIONS

72395	WURTSMITH AFB, MI	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.1	3.9	.3	26.2		29.4	9.2	1.8	1.6		12.2	762
	03-05	.1	3.0	.7	30.4		32.8	10.2	1.2	1.3		12.5	762
	06-08		2.2	1.8	32.5		35.2	13.0	2.0	1.4		16.3	762
	09-11		3.5	1.8	28.2		32.3	13.1	2.8	2.4		17.6	762
	12-14		3.4	.7	28.2		31.4	9.1	4.5	3.4		16.1	762
	15-17	.1	3.0	.4	25.9		28.5	7.5	2.9	2.5		12.5	762
	18-20		3.0		24.3		26.6	7.5	4.5	1.6		12.9	762
	21-23		2.5	.3	26.2		28.6	9.1	2.2	1.7		12.5	762
TOTALS		.0	3.1	.8	27.7		30.6	9.8	2.7	2.0		14.1	6096

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

14895	HURTSMITH AFB,MI	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		8.8	1.9	14.9		24.1	17.9	4.7	.7		22.3	837
	03-05	.4	8.4	1.8	18.0		26.8	18.3	3.8	.7		21.6	837
	06-08	.1	7.6	1.2	17.2		25.6	21.0	3.8	.8		24.3	837
	09-11	.1	7.4	1.7	15.1		22.7	17.2	3.9	1.4		21.3	837
	12-14		6.1	1.2	14.1		20.2	12.7	3.9	1.0		16.7	837
	15-17	.4	5.4	.8	11.9		17.7	11.8	5.6	1.0		17.4	837
	18-20	.6	6.7	1.1	10.8		17.9	14.5	6.0	.5		19.1	836
	21-23	.8	8.8	1.9	13.7		22.9	15.9	5.7	.4		20.1	837
TOTALS		.3	7.4	1.5	14.5		22.2	16.2	4.7	.8		20.3	6695

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

2:395	NORTSMITH AFB,MI	73-81	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.4	13.1	.2	4.4		17.0	13.1	1.9	.7		14.4	810
	03-05	.7	10.7	.4	6.0		16.2	12.5	1.0	1.1		14.2	810
	06-08	.5	9.1	.2	7.8		15.8	13.2	.9	1.1		14.9	810
	09-11	.2	8.0		6.2		13.8	8.3	1.9	.9		10.5	809
	12-14	.2	10.0		3.3		12.7	9.5	2.5	.5		12.3	810
	15-17	.2	12.1		3.2	.1	14.4	8.4	2.8	.2	.2	11.1	810
	18-20	.7	11.1		4.3		14.6	12.3	4.4	.1	.1	16.3	810
	21-23	.7	12.0		5.1		16.2	13.6	3.7	.4		15.7	810
TOTALS		.5	10.8	.1	5.0	.0	15.1	11.4	2.4	.6	.0	13.7	6479

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26395 | WURTSMITH AFB, MI | 73-81 | MAY
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.4	9.8		.5		9.9	11.8	5.1			15.9	836
	03-05	.2	9.0		.4		9.3	13.9	5.5			18.2	837
	06-08	.5	8.5		.4		8.8	15.2	7.8			21.5	837
	09-11	.2	8.4		.4		8.7	9.7	5.7			14.6	837
	12-14	1.0	7.0		.7		7.4	7.8	5.9			12.8	837
	15-17	1.7	8.7		.6		9.2	7.2	6.2		.1	12.9	837
	18-20	1.4	8.4		.4		8.7	9.9	8.0			15.4	835
	21-23	1.1	9.0		.5		9.5	12.8	6.5			17.0	834
TOTALS		.8	8.6		.5		8.9	11.0	6.3		.0	16.0	6690

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WEATHER CONDITIONS

726395	HURTSMITH AFB,MI	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.6	5.1				5.1	13.8	7.2			18.5	810
	03-05	2.0	9.1				9.1	18.6	8.4			23.7	810
	06-08	.6	7.4				7.4	17.0	8.9			22.7	810
	09-11	1.0	6.0				6.0	8.1	7.7			14.7	810
	12-14	2.0	5.8				5.8	4.9	7.5			12.0	809
	15-17	2.3	7.8				7.8	4.6	7.8			12.1	810
	18-20	4.2	7.5				7.5	5.8	8.4			13.5	810
	21-23	2.0	7.5				7.5	10.7	7.4			16.3	810
TOTALS		2.0	7.0				7.0	10.4	7.9			16.7	6479

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

26395 | WURTSMITH AFB,MI | 73-81 | JUL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2.4	4.9				4.9	11.5	10.3			18.4	837
	03-05	1.4	4.9				4.9	18.0	12.3			25.2	837
	06-08	2.2	6.5				6.5	19.5	11.0			26.8	837
	09-11	.2	3.7				3.7	8.8	9.0			17.1	837
	12-14	1.9	4.5				4.5	5.1	10.0		.1	14.2	837
	15-17	3.6	5.9				5.9	6.1	10.0		.1	14.7	837
	18-20	4.4	5.4				5.4	5.9	9.6			13.5	837
	21-23	3.0	5.0				5.0	9.1	9.8			16.4	837
TOTALS		2.4	5.1				5.1	10.5	10.3		.0	18.3	6696

2682

USAFETAC FORM 0-10-5(GL) (AF) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

726395 (STATION) | KURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.8	6.0				6.0	19.4	13.3			25.4	837
	03-05	1.2	5.3				5.3	26.2	14.2			32.4	837
	06-08	1.1	6.2				6.2	29.2	16.4			36.0	837
	09-11	.6	5.1				5.1	11.0	16.1			22.7	837
	12-14	1.4	6.7				6.7	6.6	14.8		.1	19.7	837
	15-17	3.6	7.8				7.8	6.5	14.9			20.0	837
	18-20	3.6	7.4				7.4	8.5	14.8			20.8	837
	21-23	2.2	6.1				6.1	13.4	13.9			22.2	836
TOTALS		1.9	6.3				6.3	15.1	14.8		.0	24.9	6695

USAFETAC FORM JULY 64 0-10-5(GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26395 (STATION) | WURTSMITH AFB, MI (STATION NAME) | 73-81 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.5	9.0				9.0	12.1	5.3			15.4	810
	03-05	1.0	9.4				9.4	15.9	7.3			19.1	810
	06-08	.7	9.3				9.3	21.1	8.4			23.5	810
	09-11	.7	9.9				9.9	12.6	7.7			18.4	810
	12-14	.2	8.6				8.6	8.1	5.4			12.1	810
	15-17	.6	8.0			.1	8.0	6.7	5.1			11.2	810
	18-20	2.6	9.5				9.5	9.4	5.7			14.0	810
	21-23	1.0	9.3				9.3	9.6	4.6			13.3	810
TOTALS		.9	9.1			.0	9.1	11.9	6.2			15.9	6480

USAFETAC FORM JULY 64 0-10-5(GL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

726395 | HURTSMITH AFB,MI | 73-81 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.4	9.1		2.7		11.4	13.3	5.4			16.6	837
	03-05	.5	9.3		2.7		11.8	15.3	5.4			18.5	837
	06-08	.1	9.0		1.8		10.5	18.8	5.6			21.9	837
	09-11	.2	9.0		.4		9.3	12.1	6.2		.2	16.8	837
	12-14	.2	8.8		.5		9.3	5.6	5.4		.4	10.9	837
	15-17	.7	9.4		.4	.1	9.8	5.9	8.0		.1	12.5	837
	18-20	.2	11.2		1.3		12.4	8.0	7.4			13.3	837
	21-23	.1	11.0		2.4		12.7	9.0	5.0			13.4	837
TOTALS		.3	9.6		1.5	.0	10.9	11.0	6.1		.1	15.5	6696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

726395 | HURTSMITH AFB,MI | 73-81 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		8.3		15.3		22.7	15.4	4.3	.5		19.9	810
	03-05	.1	9.5		15.8		23.8	16.4	4.6	.4		20.0	810
	06-08		10.0		15.6		23.8	21.6	4.9	.7		24.7	810
	09-11		10.6		12.8		22.7	20.6	6.4	.6		25.6	810
	12-14	.1	8.8		12.5		20.2	13.3	5.1	.5		18.1	810
	15-17	.1	9.8		10.2		19.1	13.6	4.7	.5		18.3	810
	18-20	.2	8.1		12.6		19.8	16.7	4.2	.4		20.5	810
	21-23		8.0		13.3		20.1	16.8	3.3	.4		19.8	810
TOTALS		.1	9.1		13.5		21.5	16.8	4.7	.5		20.9	6480

USAFETAC FORM JULY 64 0-10-3(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

726395 | WURTSMITH AFB,MI | 73-81 | DEC
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		4.8	1.2	26.8		31.8	13.6	1.3	1.3		15.9	837
	03-05		4.9	.2	25.2		29.5	13.0	1.3	1.3		14.9	837
	06-08		5.1	.2	26.9		31.5	13.3	2.2	1.4		15.7	837
	09-11		6.2	.8	26.6		32.4	13.7	2.9	3.6		19.4	837
	12-14		4.7	.8	25.0		29.6	14.2	2.9	3.2		19.4	837
	15-17		4.8	1.0	22.8		27.7	15.3	5.0	2.4		20.2	837
	18-20		4.6	1.0	21.9		26.6	15.9	3.0	2.3		19.9	835
	21-23		5.3	1.4	24.7		29.9	14.6	1.7	2.4		18.2	834
TOTALS			5.1	.8	25.0		29.9	14.2	2.5	2.2		18.0	6691

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

726395 | HURTSMITH AFB,MI | 73-81 | ALL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		2.6	1.0	30.1		32.9	9.3	2.5	3.5		14.8	6696
FEB		.0	3.1	.8	27.7		30.6	9.8	2.7	2.0		14.1	6096
MAR		.3	7.4	1.5	14.5		22.2	16.2	4.7	.8		20.3	6695
APR		.5	10.8	.1	5.0	.0	15.1	11.4	2.4	.6	.0	13.7	6479
MAY		.8	8.6		.5		8.9	11.0	6.3		.0	16.0	6690
JUN		2.0	7.0				7.0	10.4	7.9			16.7	6479
JUL		2.4	5.1				5.1	10.5	10.3		.0	18.3	6696
AUG		1.9	6.3				6.3	15.1	14.8		.0	24.9	6695
SEP		.9	9.1			.0	9.1	11.9	6.2			15.9	6480
OCT		.3	9.6		1.5	.0	10.9	11.0	6.1		.1	15.5	6696
NOV		.1	9.1		13.5		21.5	16.8	4.7	.5		20.9	6480
DEC			5.1	.8	25.0		29.9	14.2	2.5	2.2		18.0	6691
TOTALS		.8	7.0	.4	9.8	.0	16.6	12.3	5.9	.8	.0	17.4	78873

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

...AL CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

2 39... | ...URTSMITH AFB,MI | 51-81 | ALL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.1	17.2	7.4	73.3		78.8	31.7	26.4	12.9		52.7	961
FEB		.2	17.4	6.8	68.0		73.4	33.1	30.9	10.2		51.3	876
MAR		3.1	28.6	5.8	49.5	.5	63.5	36.3	26.1	8.1		49.3	961
APR		8.3	44.2	.4	22.4	1.2	55.6	35.5	19.0	1.0		40.3	930
MAY		13.6	48.6		3.9	.9	49.7	31.1	21.0		.1	37.7	961
JUN		21.9	48.5			.5	48.5	39.0	30.3			46.2	930
JUL		23.0	41.2			.8	41.2	38.1	32.7			45.8	959
AUG		18.7	44.4			.6	44.4	45.9	39.4			54.3	961
SEP		14.0	51.5		.3	.5	51.5	43.5	32.3			50.3	930
OCT		5.1	46.7		8.5	.4	50.2	40.0	30.8	.1		47.3	961
NOV		1.5	40.2	.4	40.8	.1	65.9	40.9	28.0	2.2		48.9	930
DEC		.3	27.4	8.1	69.7	.1	79.1	36.0	24.8	8.8		51.0	961
TOTALS		9.1	38.0	2.4	28.0	.5	58.5	37.6	28.6	3.6	.0	47.9	11321

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

726395 STATION — HURTSMITH AFB,MI STATION NAME — 43-45, 51-81 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	21.9	33.4	9.8	12.3	7.8	8.2	4.5	1.8	.4					44.8	1023	1.77	3.87	.30
FEB	25.9	30.7	7.2	15.1	6.4	7.7	4.7	1.9	.3					43.4	933	1.57	3.63	.45
MAR	37.0	27.7	4.8	8.4	5.5	7.4	5.8	3.0	.5					35.4	1023	2.03	4.27	.20
APR	44.4	20.9	2.9	8.2	4.8	7.5	6.2	3.8	1.2					34.6	990	2.55	5.71	.55
MAY	48.2	19.1	2.7	6.3	4.8	7.7	5.1	5.0	1.2					32.7	1023	2.80	5.21	.25
JUN	50.3	19.0	1.9	5.1	4.2	6.8	6.4	4.5	1.7	.1				30.7	990	3.02	6.48	.54
JUL	59.3	13.6	1.7	5.1	3.3	5.0	6.0	4.3	1.7					27.1	1039	2.80	5.10	.00
AUG	56.2	15.7	1.5	5.0	3.2	6.1	5.7	4.0	2.6					28.1	1054	3.14	7.35	.44
SEP	47.8	15.9	3.3	8.8	5.1	7.2	6.1	4.4	1.4					36.3	1013	2.75	5.62	.07
OCT	49.1	21.0	3.0	6.9	3.7	7.2	4.6	3.7	1.0					30.0	1033	2.27	5.73	.04
NOV	33.3	28.0	5.3	8.4	6.0	9.0	5.1	3.8	1.2					38.7	990	2.49	5.46	.92
DEC	20.9	33.8	5.8	13.7	8.4	9.1	5.7	2.2	.5					45.3	1023	2.11	5.64	.40
ANNUAL	41.2	23.2	4.2	8.6	5.3	7.4	5.5	3.5	1.1	.0				35.6	12134	29.30		

USAFETAC FORM OCT 78 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

726395 WURTSMITH AFB,MI 43-45, 51-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43							* .00	1.05	1.34	.48	1.11	.37	
44	.37	.28	.40	1.14	.53	.81	1.02	1.19	.53	.74	1.01	.11	1.19
45	.09	.22	.18	.76	1.46	1.25	.52	1.04*	1.09*	.21			
51	.37	.71	.36	1.50	.38	.67	2.16	.97	1.21	1.87	.48	.63	2.16
52	.48	.33	.75	2.50	.41	.46	1.40	1.90	.43	.02	1.35	.67	2.50
53	.36	.67	.60	1.34	.91	.87	1.40	1.28	.95	.57	.57	.48	1.40
54	.86	.63	.79	.80	.93	1.97	.50	.51	1.20	1.21	1.00	.39	1.97
55	.47	.53	.47	1.05	1.17	.46	.87	2.21	.22	.68	.77	.51	2.21
56	.32	.44	.58	.61	.82	1.06	1.33	1.20	.33	.19	.64	.32	1.33
57	.41	.20	.88	.83	.92	1.26	1.43	.14	1.84	.81	1.11	.59	1.84
58	.68	.93	.10	.48	.16	.70	.98	.48	.74	.72	.53	.18	.98
59	.70	1.17	1.30	1.53	1.40	.25	1.05	1.70	.80	.93	1.02	.97	1.70
60	1.14	.64	.24	.45	.75	1.58	1.18	1.49	.87	.35	.74	.18	1.58
61	.10	.53	.56	.42	.34	.44	.94	.80	1.07	.27	.85	.63	1.07
62	.51	.52	.61	.72	.90	.80	1.76	.90	1.17	1.40	.40	.27	1.76
63	.54	.11	.66	1.41	1.77	1.05	.93	.44	.78	.20	.65	.26	1.77
64	.35	1.09	.53	.62	.70	.36	2.18	1.42	.90	.41	1.64	.45	2.18
65	.72	1.17	.44	.61	1.11	.94	.70	1.44	.87	.57	1.02	.71	1.44
66	.59	.44	.67	.51	.15	.51	.67	1.12	.47	1.09	1.53	.85	1.53
67	1.13	.32	.45	.74	.40	.95	.41	.81	.81	.94	.55	.61	1.13
68	.22	.73	.55	.69	1.90	.85	.53	2.30	1.04	.39	.90	.63	2.30
69	.86	.26	.61	1.12	1.21	1.40	.51	.21	.46	1.34	.74	1.05	1.40
70	.36	.14	.78	.75	.69	1.40	1.21	.56	.56	.80	.71	.89	1.40
71	.54	.49	1.18	.38	.61	1.13	.68	1.46	.65	.84	.47	1.77	1.77
72	.28	.33	.52	.85	.90	.71	1.01	1.07	.22	1.25	.56	.83	1.25
73	.61	.18	1.24	.73	1.63	.72	1.08	.98	.76	2.42	.61	.72	2.42
74	.88	.96	.37	.70	.70	.67	2.02	.87	1.20	.47	.35	.34	2.02
75	1.43	.32	.56	.56	1.14	1.63	1.96	1.20	1.18	.32	.54	.31	1.96
76	.25	.51	.70	.30	.89	3.74	.85	.39	.66	.78	.48	.10	3.74
77	.36	.97	1.09	.49	.97	.63	.60	1.25	.82	.94	1.27	.88	1.27
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 43-45, 51-81 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
78	1.69	.19	.49	.57	.76	1.65	.81	1.58	1.67	.32	.97	.53	1.69
79	.78	.25	.70	.65	.90	1.72	.51	2.00	.03	.55	.72	.37	2.00
80	.26	.57	.50	.76	.89	1.27	.80	1.30	.69	.75	.77	1.75	1.75
81	.29	.70	.21	1.38	.75	1.68	.73	1.10	1.78	.58	.61	.26	1.78
MEAN	.576	.531	.608	.847	.883	1.078	1.052	1.128	.856	.764	.808	.594	1.765
S.D.	.366	.305	.287	.446	.423	.656	.502	.531	.432	.498	.321	.393	.540
TOTAL OBS	1023	933	1023	990	1023	990	1039	1054	1013	1033	990	1023	12134

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUL 44 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

726395 STATION | WURTSMITH AFB,MI STATION NAME | 43-45, 51-81 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43							* .00	2.40	1.91	1.44	3.05	.60	
44	.66	1.01	2.07	1.92	2.55	3.41	3.80	4.23	1.74	1.56	3.88	.40	27.23
45	.36	.84	.85	2.59	5.18	4.85	1.54	1.63*	2.48*	.28			
51	1.86	1.90	2.35	4.69	1.17	2.72	4.07	2.83	3.33	5.73	2.49	2.98	36.12
52	2.20	.72	2.96	4.32	2.04	.66	5.06	3.92	1.38	.04	3.07	2.31	28.68
53	1.62	2.53	2.64	2.88	3.66	2.90	2.87	2.91	3.74	2.23	2.45	2.41	32.84
54	1.97	1.81	2.68	2.96	3.34	6.26	.71	1.40	3.98	5.10	3.92	2.01	36.14
55	1.87	1.81	1.81	2.68	3.31	.81	3.12	3.93	.49	2.46	2.09	1.73	26.11
56	1.15	1.85	1.70	2.58	3.61	2.26	3.18	2.60	1.51	.59	1.88	2.03	24.94
57	1.37	.62	1.41	2.37	2.17	4.62	3.27	.51	4.34	2.03	2.31	1.74	26.76
58	1.92	2.05	.20	.68	.25	1.78	2.14	1.34	1.83	2.51	1.81	.59	17.10
59	1.85	3.63	2.80	5.71	4.84	.54	2.93	6.30	4.31	3.96	3.98	3.45	44.30
60	2.60	1.77	1.39	2.08	3.26	3.50	2.99	2.77	2.18	1.29	2.04	.61	26.48
61	.30	1.97	2.68	1.85	1.30	2.06	3.11	2.14	3.78	.63	2.41	1.26	23.49
62	2.09	2.42	.67	1.61	3.67	2.52	3.65	2.01	4.94	3.10	1.12	.85	28.65
63	1.00	.45	2.99	2.32	4.55	2.22	2.13	1.74	1.81	.51	1.43	1.22	22.37
64	.87	1.35	1.26	3.27	1.97	1.27	5.10	4.93	2.26	1.04	3.73	2.38	29.43
65	2.36	3.21	1.98	2.66	2.59	1.75	1.74	3.31	5.62	1.95	2.35	2.68	32.20
66	2.01	.96	3.43	3.09	.49	1.26	1.58	4.02	1.53	1.83	5.46	2.79	28.45
67	2.58	1.31	.90	3.42	1.16	4.17	.98	3.57	2.01	2.52	1.65	2.59	26.86
68	.91	2.26	1.31	2.12	4.72	3.11	1.78	5.23	3.55	1.62	2.68	3.19	32.48
69	3.58	.88	1.54	3.00	3.65	3.84	1.90	.44	1.39	5.60	2.30	2.15	30.27
70	1.13	.50	1.94	2.60	1.76	3.64	3.98	1.06	2.80	2.46	2.90	2.48	27.25
71	2.66	2.23	2.68	1.10	1.74	3.67	3.34	4.17	1.84	1.27	1.62	5.64	31.96
72	1.11	1.22	3.02	2.16	1.42	2.25	2.72	4.10	.72	3.11	1.51	5.38	28.72
73	1.26	1.04	3.30	2.01	5.21	1.83	3.85	2.70	2.04	5.28	2.12	3.24	33.88
74	3.87	1.57	1.58	2.80	3.10	3.25	3.98	2.25	4.08	1.24	1.95	1.24	30.91
75	3.35	1.13	1.86	1.49	4.64	5.49	5.03	4.20	3.17	.83	2.27	1.78	35.24
76	1.87	1.98	4.27	.55	3.11	6.48	3.14	1.02	1.90	2.59	.92	.65	28.48
77	1.18	1.49	3.36	1.54	2.17	.75	2.22	7.35	3.40	2.33	4.85	2.27	32.91
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 44 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

726395 WURTSMITH AFB,MI 43-45, 51-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
78	2.76	1.03	.89	1.29	2.56	4.18	1.77	2.46	5.51	.89	2.41	2.24	27.99
79	2.29	.70	2.62	2.74	2.54	3.20	.74	4.99	.07	2.46	2.64	1.07	26.06
80	.81	1.04	1.36	3.25	2.98	3.72	2.59	3.19	3.18	2.81	1.33	2.77	29.03
81	.97	2.55	.43	3.81	1.75	4.80	1.54	5.08	4.35	2.05	1.49	.91	29.73
MEAN	1.769	1.571	2.028	2.550	2.802	3.023	2.805	3.139	2.748	2.275	2.488	2.110	29.471
S.D.	.892	.773	.977	1.090	1.330	1.565	1.193	1.627	1.426	1.470	1.046	1.233	4.859
TOTAL OBS	1023	933	1023	990	1023	990	1039	1054	1013	1033	990	1023	12134

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

726395 (STATION) HURISMITH AFB,MI (STATION NAME) 51-81 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	26.3	32.4	18.0	12.5	5.0	2.2	1.4	1.2	.9	.1				41.3	961	15.5	32.7	4.3
FEB	31.2	28.9	17.7	13.8	3.1	2.9	1.0	.8	.5	.2				40.0	876	12.6	35.3	3.3
MAR	49.6	25.5	9.9	7.3	3.9	1.1	1.0	1.0	.4	.2				24.9	961	10.5	28.0	1.3
APR	77.3	14.9	3.5	1.9	1.2	.4	.2	.2	.2					7.7	930	2.7	12.9	TRACE
MAY	96.0	3.1	.6	.1	.1									.8	961	.1	1.6	.0
JUN	100.0														930	.0	.0	.0
JUL	100.0														961	.0	.0	.0
AUG	100.0														961	.0	.0	.0
SEP	99.7	.2	.1											.1	930	TRACE	.2	.0
OCT	90.9	8.1	.6	.3										.9	961	.1	1.2	.0
NOV	59.1	26.5	6.5	3.9	2.3	.5	.9	.3	.1	.1				14.5	930	5.4	18.8	TRACE
DEC	29.9	33.2	15.9	11.1	4.9	2.5	.9	1.0	.3	.2				36.9	961	13.3	31.7	4.5
ANNUAL	71.7	14.4	6.1	4.2	1.7	.6	.4	.4	.2	.1				13.9	11323	60.2		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

726395 STATION #URTSMITH AFB,MI STATION NAME 51-81 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51	3.1	4.5	4.1	.8	.0	.0	.0	.0	.0	TRACE	5.1	6.3	6.3
52	4.8	.8	4.9	7.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.4	7.0
53	2.8	6.0	2.1	TRACE	.0	.0	.0	.0	.0	.0	4.0	2.1	6.0
54	9.0	2.9	7.6	.3	.4	.0	.0	.0	.0	TRACE	.4	3.8	9.0
55	4.7	5.3	2.7	TRACE	.0	.0	.0	.0	.0	TRACE	4.2	5.1	5.3
56	3.2	4.4	3.3	.8	.1	.0	.0	.0	.2	TRACE	3.4	3.1	4.4
57	4.9	2.0	6.9	2.4	TRACE	.0	.0	.0	.0	TRACE	.3	3.7	6.9
58	5.0	8.5	.6	TRACE	.0	.0	.0	.0	.0	.0	1.3	2.9	8.5
59	3.1	12.3	4.2	5.0	.0	.0	.0	.0	.0	TRACE	5.7	4.5	12.3
60	6.5	3.8	2.8	2.1	TRACE	.0	.0	.0	.0	.3	.9	2.6	6.5
61	3.2	4.2	8.0	.3	.3	.0	.0	.0	.0	TRACE	1.5	1.7	8.0
62	3.7	4.6	5.5	2.1	.0	.0	.0	.0	.0	.5	1.9	2.7	5.5
63	5.7	.9	2.4	2.5	TRACE	.0	.0	.0	.0	.0	TRACE	2.0	5.7
64	1.8	2.7	5.0	.5	.0	.0	.0	.0	.0	.2	1.6	4.5	5.0
65	6.4	10.8	5.5	3.5	.0	.0	.0	.0	TRACE	1.2	.4	4.0	10.8
66	6.4	3.3	1.8	4.9	TRACE	.0	.0	.0	TRACE	TRACE	9.2	8.4	9.2
67	7.6	3.0	3.5	1.4	TRACE	.0	.0	.0	.0	TRACE	3.7	2.2	7.6
68	3.1	4.0	6.4	.1	TRACE	.0	.0	.0	.0	TRACE	1.5	6.3	6.4
69	8.8	2.6	3.6	TRACE	TRACE	.0	.0	.0	.0	.6	4.0	3.7	8.8
70	3.7	1.4	11.6	6.5	TRACE	.0	.0	.0	.0	.0	.8	2.5	11.6
71	5.4	3.1	11.5	.4	TRACE	.0	.0	.0	.0	.0	1.6	13.5	13.5
72	3.0	3.3	5.2	1.1	.0	.0	.0	.0	.0	.1	2.4	6.6	6.6
73	2.0	2.0	9.8	3.8	.1	.0	.0	.0	.0	.0	3.4	3.8	9.8
74	4.5	10.2	3.2	.5	1.6	.0	.0	.0	.0	TRACE	1.0	3.0	10.2
75	2.2	1.0	2.6	.9	.0	.0	.0	.0	.0	.0	3.4	3.8	3.8
76	5.9	6.4	4.9	.3	TRACE	.0	.0	.0	.0	TRACE	2.2	3.0	6.4
77	2.3	1.2	.6	.2	.0	.0	.0	.0	.0	TRACE	13.0	5.0	13.0
78	13.2	4.1	3.0	TRACE	.0	.0	.0	.0	.0	TRACE	6.2	6.7	13.2
79	7.2	2.6	2.0	2.6	.5	.0	.0	.0	.0	TRACE	.5	1.4	7.2
80	2.6	5.8	4.4	2.0	.0	.0	.0	.0	.0	TRACE	.5	13.6	13.6
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

72e395 (STATION) WURTSMITH AFB,MI (STATION NAME) 51-81 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
81	7.1	8.5	.6	TRACE	.0	.0	.0	.0	.0	TRACE	4.2	6.2	8.5
MEAN	4.93	4.39	4.53	1.68	.10	.00	.00	.00	.01	.09	2.85	4.52	8.28
S.D.	2.525	2.977	2.877	1.979	.305	.000	.000	.000	.035	.253	2.850	2.975	2.828
TOTAL OBS	961	876	961	930	961	930	961	961	930	961	930	961	11323

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

726395 STATION | WURTSMITH AFB,MI STATION NAME | 51-81 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51	15.0	10.1	12.6	.9	.0	.0	.0	.0	.0	TRACE	16.7	22.0	77.3
52	15.7	3.3	15.5	8.7	.0	.0	.0	.0	.0	TRACE	TRACE	4.5	47.7
53	11.5	17.4	5.0	TRACE	.0	.0	.0	.0	.0	.0	6.9	6.5	47.3
54	20.2	8.0	18.8	.3	.5	.0	.0	.0	.0	TRACE	.4	17.7	65.9
55	14.0	16.8	7.3	TRACE	.0	.0	.0	.0	.0	TRACE	7.7	11.5	57.3
56	10.7	18.1	8.7	1.3	.1	.0	.0	.0	.2	TRACE	7.4	12.9	59.4
57	12.6	4.9	7.7	3.5	TRACE	.0	.0	.0	.0	TRACE	.3	7.9	36.9
58	15.3	14.6	1.3	TRACE	.0	.0	.0	.0	.0	.0	4.1	9.9	45.2
59	13.7	35.3	8.2	9.4	.0	.0	.0	.0	.0	TRACE	12.4	15.4	94.4
60	18.4	15.8	14.8	3.8	TRACE	.0	.0	.0	.0	.3	2.4	7.3	62.8
61	5.8	12.1	19.8	.5	.3	.0	.0	.0	.0	TRACE	1.5	4.6	44.6
62	19.3	20.9	5.7	2.6	.0	.0	.0	.0	.0	.8	2.8	8.3	60.4
63	10.0	4.3	8.0	3.6	TRACE	.0	.0	.0	.0	.0	TRACE	11.8	37.7
64	4.8	5.2	10.8	.6	.0	.0	.0	.0	.0	.3	4.1	12.0	37.8
65	22.4	25.9	14.9	5.5	.0	.0	.0	.0	TRACE	1.2	1.1	8.5	79.5
66	21.9	7.6	5.8	12.9	TRACE	.0	.0	.0	TRACE	TRACE	18.8	16.7	83.7
67	25.9	12.6	7.4	1.4	TRACE	.0	.0	.0	.0	TRACE	4.2	6.9	58.4
68	9.6	11.1	7.7	.1	TRACE	.0	.0	.0	.0	TRACE	2.7	27.5	58.7
69	22.6	7.7	7.0	TRACE	TRACE	.0	.0	.0	.0	.7	4.7	13.9	56.6
70	15.5	6.0	17.6	6.6	TRACE	.0	.0	.0	.0	.0	2.1	12.4	60.2
71	23.1	13.5	25.5	1.0	TRACE	.0	.0	.0	.0	.0	5.7	16.8	85.6
72	8.1	11.9	28.0	3.1	.0	.0	.0	.0	.0	.1	3.3	31.7	86.2
73	5.7	8.6	10.9	6.0	.1	.0	.0	.0	.0	.0	4.5	17.6	53.4
74	18.0	18.5	12.0	.6	1.6	.0	.0	.0	.0	TRACE	2.8	10.9	64.4
75	7.7	5.4	10.3	1.9	.0	.0	.0	.0	.0	.0	9.1	14.8	49.2
76	32.7	16.7	12.1	.7	TRACE	.0	.0	.0	.0	TRACE	4.2	11.7	78.1
77	9.5	4.1	1.6	.2	.0	.0	.0	.0	.0	TRACE	16.2	13.5	45.1
78	28.7	17.0	6.0	TRACE	.0	.0	.0	.0	.0	TRACE	13.4	18.6	83.7
79	22.1	8.6	3.8	5.6	.6	.0	.0	.0	.0	TRACE	1.2	4.6	46.5
80	4.3	11.0	9.9	3.5	.0	.0	.0	.0	.0	TRACE	1.1	23.5	53.3
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 51-81 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
81	15.3	18.3	1.8	TRACE	.0	.0	.0	.0	.0	TRACE	4.2	10.1	49.7
MEAN	15.49	12.62	10.53	2.72	.10	.00	.00	.00	.01	.11	5.35	13.29	60.23
S.D.	7.234	7.075	6.461	3.273	.314	.000	.000	.000	.035	.282	5.149	6.543	16.070
TOTAL OBS	961	876	961	930	961	930	961	961	930	961	930	961	11323

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUL 64 0-88-5 (OL A)

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 51-81 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	8.5	4.2	11.2	13.0	8.6	23.6	26.1	8.9						91.6	961			
FEB	7.9	4.5	10.5	7.5	7.0	21.8	26.7	13.5	.7					87.7	876			
MAR	21.7	17.4	11.3	8.3	9.1	17.4	9.8	5.7						61.6	961			
APR	92.5	9.7	2.9	1.4	1.8	1.6	.1							7.8	930			
MAY	99.4	.5	.1											.1	961			
JUN	100.0														930			
JUL	100.0														961			
AUG	100.0														961			
SEP	100.0														930			
OCT	99.4	.6													961			
NOV	77.7	11.0	3.0	2.6	1.5	3.2	.5	.4						11.3	930			
DEC	21.1	18.6	14.8	11.7	9.3	15.7	6.9	2.0						60.2	961			
ANNUAL	67.8	5.5	4.5	3.7	3.1	6.9	5.8	2.5	.1					26.7	11323			

USAFETAC FORM OCT 78 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

726395 WURTSMITH AFB,MI 51-81
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51	11	14	6	TRACE	0	0	0	0	0	0	6	19	19
52	12	8	8	6	0	0	0	0	0	0	TRACE	2	12
53	5	6	7	TRACE	0	0	0	0	0	0	4	2	7
54	12	11	13	TRACE	TRACE	0	0	0	0	0	TRACE	12	13
55	14	26	4	TRACE	0	0	0	0	0	TRACE	3	9	26
56	6	11	5	TRACE	0	0	0	0	0	0	5	5	11
57	8	8	5	1	0	0	0	0	0	TRACE	TRACE	3	8
58	11	15	1	TRACE	0	0	0	0	0	0	2	5	15
59	9	24	21	3	0	0	0	0	0	0	6	9	24
60	15	13	17	4	0	0	0	0	0	TRACE	1	4	17
61	4	6	9	TRACE	TRACE	0	0	0	0	0	TRACE	2	9
62	15	18	11	TRACE	0	0	0	0	0	TRACE	2	4	18
63	8	6	5	TRACE	1	0	0	0	0	0	0	8	8
64	8	3	6	2	0	0	0	0	0	0	6	6	8
65	8	17	15	6	0	0	0	0	0	0	0	6	17
66	11	14	3	4	0	0	0	0	0	0	9	10	14
67	19	15	11	1	0	0	0	0	0	0	3	2	19
68	7	7	6	0	0	0	0	0	0	0	1	17	17
69	16	8	3	0	0	0	0	0	0	TRACE	2	7	16
70	11	9	10	7	0	0	0	0	0	0	1	6	11
71	15	12	16	2	0	0	0	0	0	0	3	14	16
72	13	9	15	4	0	0	0	0	0	0	TRACE	16	16
73	6	5	10	5	0	0	0	0	0	0	2	11	11
74	16	10	5	TRACE	TRACE	0	0	0	0	0	1	4	16
75	4	4	6	4	0	0	0	0	0	0	4	6	6
76	16	16	6	0	0	0	0	0	0	0	1	6	16
77	11	8	1	0	0	0	0	0	0	0	17	11	17
78	20	24	16	1	0	0	0	0	0	0	9	4	24
79	23	17	7	3	TRACE	0	0	0	0	0	TRACE	2	23
80	3	4	4	3	0	0	0	0	0	0	TRACE	4	4
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

726395 STATION *URTSMITH AFB, MI STATION NAME 51-81 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
81	6	15	1	0	0	0	0	0	0	0	2	2	15
MEAN	11.1	11.7	8.2	1.8	.0	.0	.0	.0	.0	TRACE	2.9	7.0	14.6
S.D.	5.020	6.051	5.210	2.212	.179	.000	.000	.000	.000	.000	3.682	4.736	5.524
TOTAL OBS	961	876	961	930	961	930	961	961	930	961	930	961	11323

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SURFACE WINDS

(FROM DAILY OBSERVATIONS)

726395 STATION — WURTSMITH AFB,MI STATION NAME — 61-81 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
61							WNW 28	W 31	*33 W	SW *38	SW *30	WSW *34	
62	NNW 35	NW 28	NNW 26	N 32	W 41	W 39	WNW 34	SW 25	NW 53	W 30	SSW 36	WNW *36	NW 53
63	SW 44	WNW 39	WSW 35	W 47	WNW 38	SSW 27	WNW 34	N 30	W *33	NW 36	WNW 43	N 31	W 47
64	SW 36	WSW 38	NNE 37	WSW 52	WSW 47	WNW 40	W 30	NW 35	SSW 42	N W 36	WSW 47	NE 30	WSW 52
65	WNW 32	NNW 45	E 44	WNW 31	WSW 42	W 33	SW 27	WSW 38	SSW 32	WNW 41	W 42	NNE 39	NNW 45
66	WNW 37	NNW 34	SW 38	W 36	WNW 41	W 30	NNE 31	N 30	W 37	WSW 41	N 38	E 29	WNW 41
67	WSW 52	NE 39	NNW 31	NNE 38	WNW 32	SW 39	W 30	W 28	WSW 33	SSW 39	W 40	W 44	WSW 52
68	NNE 36	NW 39	W 36	SSW 50	SSW 33	NE 35	24/	33/	27/	29	24/ 37	5/ 43	27/ 41	SSW 50
69	29/ 36	31/ 33	30/ 32	4/ 38	35/ 38	26/ 42	18/	35	21/ 31	33/ 32	26/ 38	26/ 32	52/ 38	26/ 42
70	22/ 31	32/ 36	5/ 44	1/ 51	23/ 51	34/ 39	22/	64	34/ 40	23/ 38	24/ 38	26/ 52	25/ 45	22/ 64
71	33/ 45	21/ 53	23/ 41	23/ 40	25/ 42	8/ 38	28/	37	25/ 48	30/ 37	21/ 46	24/ 49	24/ 57	24/ 57
72	24/ 64	33/ 46	26/ 46	19/ 36	3/ 29	36/ 31	25/	44	22/ 46	22/ 34	24/ 42	3/ 35	31/ 33	24/ 64
73	22/ 34	35/ 30	33/ 47	5/ 42	22/ 34	20/ 32	27/	34	24/ 34	14/ 38	28/ 51	28/ 39	4/ 32	28/ 51
74	28/ 35	33/ 31	27/ 36	21/ 38	32/ 36	28/ 31	26/	36	33/ 39	27/ 42	30/ 30	19/ 28	31/ 29	27/ 42
75	24/ 51	26/ 33	8/ 30	22/ 46	19/ 34	20/ 46	30/	50	25/ 32	33/ 28	29/ 33	25/ 49	6/ 32	24/ 51
76	20/ 30	32/ 34	24/ 48	4/ 39	30/ 35	3/ 38	2/	32	24/ 27	29/ 35	30/ 37	29/ 33	22/ 38	24/ 48
77	27/ 45	28/ 37	22* 47	23/ 34	34/ 42	28/ 34	29/	38	24/ 44	21/ 30	15/ 34	23/ 35	22/ 38	22* 47
78	33/ 44	35/ 23	28/ 35	28/ 38	19/ 39	32/ 29	20/	28	21/ 39	27/ 34	18/ 36	19/ 36	28/ 42	33/ 44
79	20/ 31	27/ 39	32/ 35	28/ 56	2/ 31	22/ 36	16/	23	33/ 31	22/ 26	19/ 29	20/ 39	3/ 34	28/ 56
80	24/ 43	32/ 32	31/ 38	3/ 33	21/ 39	30/ 29	28/	42	27/ 23	30/ 32	31/ 34	32/ 30	36/ 37	24/ 43
81	32/ 27	23/ 27	32/ 34	21/ 45	2/ 32	23/ 72	19/	25	3/ 26	23/ 34	22/ 41	27/ 32	35/ 26	23/ 72
MEAN	39.4	35.8	37.5	41.1	37.8	37.0	35.0	34.1	35.1	37.5	38.9	36.6	51.4
S.D.	9.069	6.986	6.086	7.218	5.569	9.619	9.228	7.006	6.114	5.385	6.735	7.328	8.875
TOTAL OBS	619	563	612	596	616	595	647	649	621	633	619	640	7410

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) § (BASED ON LESS THAN FULL MONTHS AND <100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.4	1.3	.5								3.6	7.1
NNE	.4	.2	1.1	.2	.4							2.3	9.6
NE	.1		.7	.5	.2	.1						1.7	12.0
ENE		.5	.5	.1								1.1	7.4
E	.1	.4	.7	.1								1.3	7.4
ESE	.1	.7	.2	.1								1.2	6.1
SE	.6	.6	.1									1.3	3.6
SSE		.6	.7	.2	.1							1.7	8.9
S	.6	1.6	1.8	1.0	.2							5.1	8.2
SSW	1.6	3.8	2.5	3.1	.1							11.1	8.0
SW	3.7	4.8	4.8	2.6	.1	.2						16.3	7.1
WSW	2.6	4.7	4.7	1.2								13.2	6.3
W	1.6	3.8	2.4	.1	.5	.1						8.5	6.6
WNW	1.0	1.6	1.8	.8	.2							5.4	7.5
NW	1.1	2.9	2.6	2.0	.2	.1						9.0	8.4
NNW	1.2	2.8	1.8	.8		.1						6.7	6.7
VARBL													
CALM												10.6	
	15.0	30.3	27.8	13.5	2.2	.7						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	1.6	.7								3.9	7.2
NNE		.1	.4	.4	.2	.1						1.2	13.3
NE		.1	.6	.7	.2	.2						1.9	13.8
ENE			.5	.2								.7	10.2
E	.2		1.1									1.3	7.6
ESE	.2	.5	.6	.1								1.4	6.6
SE	.4	.4	.6	.1								1.4	6.2
SSE	.2	.7	.4		.1							1.4	6.6
S	.8	2.2	1.8	.6	.1							5.5	6.9
SSW	1.7	3.6	4.8	2.2	.2							12.4	7.6
SW	2.7	5.0	4.2	2.5	.5	.1						15.1	7.2
WSW	1.9	3.3	2.3	1.8	.5	.2						10.0	7.8
W	1.8	3.1	2.6	.5	.1							8.1	6.2
WNW	1.2	1.6	2.2	.7								5.6	6.5
NW	1.6	1.3	2.9	1.3	.4							7.4	8.2
NNW	1.6	2.4	2.7	1.6	.2	.1						8.6	7.9
VARBL													
CALM												13.9	
	14.9	25.3	29.0	13.4	2.6	.8						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.8	1.4	.7	.1							4.8	7.3
NNE			.8	.7	.5	.2						2.3	13.8
NE		.2		.1								.4	8.0
ENE		.1	.7	.6								1.4	10.3
E		.1	.7	.1								1.0	9.5
ESE	.1	.4	1.3									1.8	7.4
SE	.4	.4	.7	.2								1.7	6.5
SSE	.4	.6	.4									1.3	5.5
S	.6	1.6	1.8	1.0	.4							5.3	8.3
SSW	1.4	3.5	4.7	1.1	.1		.1					10.9	7.6
SW	4.5	5.5	3.9	1.9	.5	.5						16.8	6.7
WSW	3.5	3.8	3.5	2.0	.4							13.1	6.8
W	1.1	2.6	3.0	1.3								8.0	7.2
WNW	1.1	1.4	1.4	.4		.1						4.4	6.7
NW	1.2	2.2	2.2	2.2	.2	.4						8.2	8.9
NNW	1.7	2.3	2.5	2.2								8.6	7.4
VARBL													
CALM												10.0	
	16.6	26.4	29.0	14.5	2.2	1.2	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	2.4	1.3	.1							6.8	7.9
NNE		.1	1.0	.8	.1							2.0	10.7
NE			.6	.5	.1							1.2	10.6
ENE		.1	.2	.1	.2							.7	12.3
E		.1	1.3	.1								1.6	8.9
ESE	.1	.2	.2	.4								1.0	8.4
SE	.1	.5	.1	.1								.8	6.1
SSE	.6	1.6	.8	.1	.1							3.2	6.2
S	.4	1.1	1.4	1.4	.1							4.4	8.9
SSW	.4	2.4	5.0	2.5	.5	.2	.1					11.1	9.8
SW	3.3	3.8	3.6	2.0	.5	.4						13.6	7.5
WSW	2.6	2.6	3.5	2.3	.2	.1						11.4	7.6
W	1.2	2.0	4.3	3.5	.1							11.1	8.7
WNW	.7	1.8	1.7	1.6	.1	.1						6.0	8.5
NW	.7	1.2	1.9	3.1	.2	.1						7.3	10.1
NNW	.8	2.5	4.1	2.0	.2							9.7	8.3
VARBL													
CALM												8.1	
	11.9	22.1	32.1	21.9	2.7	1.0	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.8	3.1	1.4		.2						7.2	8.7
NNE	.1	.2	2.2	1.0	.1							3.6	9.9
NE	.2	.6	1.2	.4								2.4	7.6
ENE	.2	.4	.6	.5	.1							1.8	8.8
E	.1	.5	.7	.2								1.6	7.8
ESE	.1	1.2	.5	.4								2.2	7.0
SE	.1	.6	.7	.1								1.6	6.8
SSE	.6	.8	.7	.4								2.5	6.6
S	1.1	1.7	2.0	1.3	.4							6.5	8.3
SSW	.5	2.0	3.6	3.3	.5	.1	.2					10.3	10.5
SW	1.2	1.9	3.6	2.4	1.0	.4						10.4	9.9
WSW	.7	2.4	3.6	4.1	1.0	.2	.1	.1				12.2	10.7
W	.6	1.4	3.7	4.8	.5							11.0	10.4
WNW	.2	.5	2.5	2.5	.4							6.1	11.0
NW	.1	.7	3.2	3.9	1.1	.1						9.2	11.6
NNW	.6	1.8	3.5	2.0	.6	.1						8.6	9.4
VARBL													
CALM												3.1	
	7.2	18.5	35.4	28.7	5.5	1.2	.4	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.3	2.5	1.0								7.8	6.7
NNE	.2	.7	1.7	.7								3.3	8.6
NE	.5	.7	1.1	.7								3.0	7.3
ENE	.7	1.2	.6	.6								3.1	6.3
E	.6	.5	.7	.1								1.9	5.9
ESE	.7	1.1	.5	.1								2.4	5.2
SE	.2	.7	.4	.1								1.4	6.1
SSE	.7	.4	.7	.5								2.3	6.7
S	.6	2.4	3.6	1.0								7.5	7.2
SSW	.5	1.7	3.9	3.5	.2	.1	.1					10.0	9.8
SW	.6	3.1	3.3	2.3	.4	.2	.1					10.0	9.1
WSW	.5	1.7	3.0	2.3	.5	.1						8.0	9.9
W	.5	2.2	3.3	6.0	.7	.2						12.9	10.9
WNW		.6	3.8	2.2	.5							7.0	10.3
NW	.8	.7	2.9	4.4	.4							9.2	10.6
NNW	.6	1.0	3.6	1.3		.4						6.8	9.2
VARBL													
CALM												3.2	
	8.7	21.9	35.6	26.6	2.6	1.1	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AWS 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	3.1	1.9	.7								7.9	5.9
NNE	.2	.4	.8	1.0								2.4	9.3
NE		.2		.5	.2							1.0	12.6
ENE	.1	.4	.5	.6								1.6	10.0
E	.2	.7	.7	.1								1.8	6.7
ESE	.5	.5	.4	.2								1.6	6.4
SE	1.2	.6	.2									2.0	3.8
SSE	.7	1.0	1.1	.4	.1							3.2	7.0
S	1.4	3.1	1.9	.7								7.2	6.2
SSW	1.8	3.3	1.9	3.9			.1					11.1	8.2
SW	1.3	3.6	3.0	1.7	.4	.2	.1					10.3	8.3
WSW	1.6	1.7	2.2	1.6	.1	.1						7.2	7.9
W	1.6	4.1	4.2	3.0	.2	.1						13.1	7.9
WNW	1.2	2.4	1.7	1.2	.1	.1						6.7	7.3
NW	.6	1.4	2.0	2.3	.4	.1						6.8	9.7
NNW	1.6	1.7	1.0	1.1	.1	.1						5.5	7.1
VARBL													
CALM												10.8	
	16.1	28.1	23.9	18.9	1.7	.8	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.7	1.7	.6								3.6	7.2
NNE	.2	.2	.6	.7	.1							1.9	10.1
NE	.1	.2	.8	.7	.1							2.0	9.6
ENE	.4		.1	.5	.1							1.1	9.2
E	.2	.4	.5	.1								1.2	6.8
ESE	.5	.2	.4	.1								1.2	6.2
SE	.7	1.0	.4	.5								2.5	5.8
SSE		.6	.7	.8								2.2	9.2
S	1.3	1.0	1.2	1.4	.1							5.0	7.7
SSW	1.0	2.9	2.3	3.1	.6							9.8	8.8
SW	3.0	4.2	3.2	3.3		.2						14.0	7.4
WSW	2.3	4.1	4.3	1.1	.2							11.9	6.6
W	2.2	4.3	2.5	1.0	.4	.1						10.4	6.5
WNW	.6	1.4	1.2	1.0	.2	.2						4.7	8.4
NW	.7	2.0	2.3	3.2	.2	.2	.1					8.8	9.8
NNW	1.7	2.6	1.8	1.4								7.5	6.7
VARBL													
CALM												12.2	
	15.4	29.8	23.9	19.6	2.2	.8	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.9	2.0	.9	.0	.0						5.7	7.2
NNE	.1	.3	1.1	.7	.2	.0						2.4	10.4
NE	.1	.3	.6	.5	.1	.0						1.7	9.9
ENE	.2	.3	.5	.4	.1							1.4	8.7
E	.2	.3	.8	.1								1.4	7.4
ESE	.3	.6	.5	.2								1.6	6.5
SE	.5	.6	.4	.1								1.6	5.6
SSE	.4	.8	.7	.3	.1							2.2	7.1
S	.9	1.8	1.9	1.0	.2							5.8	7.6
SSW	1.1	2.9	3.6	2.8	.3	.1	.1					10.8	8.8
SW	2.6	4.0	3.7	2.3	.4	.3	.0					13.3	7.7
WSW	2.0	3.0	3.4	2.0	.4	.1	.0	.0				10.9	7.8
W	1.3	2.9	3.3	2.5	.3	.1						10.4	8.3
WNW	.7	1.4	2.0	1.3	.2	.1						5.7	8.4
NW	.9	1.6	2.5	2.8	.4	.1	.0					8.2	9.7
NNW	1.2	2.1	2.6	1.6	.1	.1						7.8	7.9
VARBL													
CALM												9.0	
	13.2	29.8	29.5	19.6	2.7	1.0	.1	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 6695

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.9	1.7	.9								6.4	6.2
NNE			1.4	1.0	.1							2.6	11.5
NE	.4	.3	.4	.9								2.0	8.9
ENE	.3	.4	.3	.8	.1							1.8	9.9
E	.4	.4	.4									1.2	5.3
ESE	.1	.4	.3	.1								.9	6.4
SE	.7	1.0	.4									2.1	4.8
SSE	.7	.4	.1									1.2	3.7
S	2.0	2.0	1.0	.4								5.4	5.2
SSW	2.2	3.0	4.7	3.9	.3							14.2	8.1
SW	1.7	4.9	2.2	.9	.1							9.8	6.4
WSW	2.1	3.4	1.2	1.3	.3							8.3	6.4
W	2.5	3.4	2.1	.7	.1							8.8	5.8
WNW	1.3	2.8	2.2	.3	.3							6.8	6.5
NW	1.8	3.4	3.3	2.0								10.5	7.0
NNW	1.0	3.1	2.6	.1								7.0	6.1
VARBL													
CALM												11.0	
	18.1	31.8	24.4	13.4	1.3							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 762

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.6	2.1	1.6								6.8	7.0
NNE	.5		.9	1.0								2.5	9.4
NE	.1	.1	.3	.5								1.0	10.0
ENE	.3	.1	.4	.8	.1							1.7	11.4
E	.3	.8	.1	.4								1.6	6.6
ESE		.4	.3	.1								.8	6.7
SE	.1	.7	.3									1.0	5.6
SSE	.8	1.0	.5									2.4	4.5
S	1.3	1.4	2.4	.4								5.5	5.9
SSW	2.4	4.6	3.8	1.8								12.6	6.8
SW	2.9	4.5	2.2	1.6								11.2	6.2
WSW	2.1	2.0	1.8	.3	.3							6.4	5.9
W	1.4	3.4	2.4	.7	.1							8.0	6.2
WNW	2.0	3.7	1.4	.5								7.6	5.3
NW	2.1	4.9	2.5	1.6								11.0	6.3
NNW	1.0	3.5	2.4	.3	.1							7.3	6.3
VARBL													
CALM												12.5	
	18.9	32.7	23.8	11.5	.7							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 762

USAFETAC FORM JUL 84 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0600-0900 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.4	1.7	1.6								7.1	6.6
NNE	.4	.7	1.0	1.2								3.3	8.9
NE	.3	.1	.7	.5								1.6	9.0
ENE	.1		.3	1.2	.5							2.1	13.9
E		.3	.1	.4								.8	9.3
ESE		.4	.3									.7	6.6
SE	.1	.1	.5	.3								1.0	8.4
SSE	.3	.9	1.0	.1								2.4	7.0
S	.9	2.2	2.8	.5								6.4	6.5
SSW	1.2	3.9	3.1	.9	.1							9.3	6.8
SW	2.4	4.1	3.1	1.0								10.6	6.1
WSW	2.4	3.1	2.5	1.0	.1							9.2	6.2
W	2.0	3.3	2.2	.7								8.1	5.7
WNW	1.6	2.1	1.4	1.0								6.2	6.3
NW	2.1	2.2	2.6	1.2								8.1	6.6
NNW	1.7	2.8	3.8	.4								8.7	6.1
VARBL													
CALM												14.4	
	17.7	27.7	27.3	12.1	.8							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 762

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.6	5.0	2.0								10.2	7.9
NNE	.1	.7	.8	1.4	.3							3.3	10.6
NE	.3	.5	.8	1.2								2.8	9.6
ENE	.1		.1	.8								1.0	11.4
E		.7	.8	1.3								2.8	10.4
ESE	.1	.5	.1									.8	5.0
SE	.4	.5	.4		.1							1.4	6.3
SSE		.4	1.0	.5	.1							2.1	9.4
S	.4	1.6	2.9	1.8								6.7	8.3
SSW	1.3	3.4	3.1	2.8	.1							10.8	7.9
SW	2.6	3.4	4.3	1.7								12.1	6.8
WSW	2.0	1.7	2.8	.9	.4	.1						7.9	7.5
W	.7	1.4	2.5	1.8	.1							6.6	8.6
WNW	.4	1.3	1.0	1.6								4.3	8.7
NW	1.0	3.4	2.4	1.6	.4							8.8	7.6
NNW	.7	3.3	5.0	2.6		.1						11.7	8.4
VARBL													
CALM												6.8	
	10.8	25.5	33.1	22.0	1.6	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 762

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.0	4.7	3.9								12.1	9.1
NNE		1.0	1.4	1.7								4.2	9.3
NE	.5	.7	.7	1.3								3.1	8.8
ENE	.5	1.7	.9	1.7								4.9	8.3
E	.9	2.1	1.2	.4								4.6	6.1
ESE	.3	.7	.7									1.6	5.7
SE	.3	.8	.3	.5								1.8	7.2
SSE		.8	.7	.5								2.0	8.1
S	.4	2.0	3.1	2.0								7.5	8.6
SSW	.9	2.5	3.4	4.5								11.3	9.1
SW	.3	2.5	4.3	2.0	.1							9.2	8.6
WSW	.1	.9	1.4	1.6	.7							4.7	10.8
W	.8	.8	2.1	5.0	.3	.1						9.1	10.6
WNW	.3	.1	1.7	2.8	.1							5.0	11.3
NW	.4	1.0	2.1	2.0	.4	.1						6.0	10.1
NNW	.8	1.7	3.1	2.5	.1							8.3	9.0
VARBL													
CALM												4.7	
	6.8	22.3	31.9	32.3	1.7	.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 762

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.2	4.6	3.5	.1							10.4	9.1
NNE	.1	.5	1.6	2.1								4.3	10.1
NE	.1	.7	2.8	1.6								5.1	9.3
ENE	.5	2.2	2.0	.9								5.6	7.1
E	.3	.9	1.8									3.0	6.7
ESE	.8	1.3	1.0									3.1	5.3
SE	.4	1.4	.5									2.4	5.4
SSE	.4	1.6	.8	.1								2.9	6.0
S	.1	2.0	7.0	3.0	.9							13.0	9.7
SSW	.5	1.2	3.4	3.3	.4							8.8	9.8
SW	.7	1.0	2.2	2.0								5.9	9.2
WSW	.4	.4	1.0	3.0	.7	.1						5.6	11.7
W	.4	.9	3.5	3.4	.5	.1						8.9	10.8
WNW		.7	1.3	3.5	.3							5.8	11.6
NW	.5	1.3	1.7	1.4	.7							5.6	10.0
NNW	.5	2.4	2.5	1.0								6.4	7.8
VARBL													
CALM												3.0	
	6.7	19.7	37.8	29.0	3.5	.3						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB

ALL WEATHER (CLASS) 1800-

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	4.5	3.1	1.2								11.7	5.7
NNE	1.0	.5	1.3	.8								3.7	7.2
NE	.7	.5	.9	1.3	.1							3.5	8.7
ENE	.7	.5	1.0	.5								2.8	7.0
E	.7		.3									.9	3.6
ESE	.7	1.0	.7									2.4	4.9
SE	.5	.5										1.0	3.6
SSE	.9	.9	.3									2.1	4.3
S	2.2	3.4	4.9	1.3	.3							12.1	6.9
SSW	.4	2.8	4.7	3.5	.1							11.5	9.1
SW	.8	1.2	.8	.8	.4							3.9	7.9
WSW	.7	.8	1.2	1.2	.1							3.9	8.8
W	1.3	2.5	2.8	2.8	.8	.1						10.2	8.9
WNW	.9	1.8	2.5	1.2								6.4	7.4
NW	1.3	1.0	2.6	1.8								6.8	8.0
NNW	.5	2.4	2.2	.7								5.8	6.8
VARBL													
CALM												11.2	
	16.1	24.4	29.3	17.1	1.8	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 762

USAFETAC FORM AR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	3.9	2.0	.5								8.3	5.4
NNE	.3	.5	.9	.9								2.6	9.1
NE	.1	.3	.5	.8	.1							1.8	10.5
ENE	.3	.7	.5	.8								2.2	8.5
E	.1	.7	.7	.1								1.6	7.0
ESE	.4	.7										1.0	4.0
SE	.9	.5	.1									1.6	3.3
SSE	.8	.4	.3									1.4	4.0
S	.8	2.0	2.9	.5								6.2	7.1
SSW	1.3	2.5	4.2	4.7	.4							13.1	9.5
SW	2.1	1.8	1.8	.7	.3							6.7	6.2
WSW	1.3	1.8	1.3	.8								5.2	6.5
W	2.8	3.4	2.0	1.7	.4							10.2	6.8
WNW	2.4	3.7	1.8	1.0	.3							9.2	6.2
NW	1.2	2.2	2.6	1.8								7.9	7.8
NNW	.7	3.9	2.9	.8								8.3	6.7
VARBL													
CALM												12.6	
	17.2	29.0	24.5	15.2	1.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.6	3.1	1.9	.0							9.1	7.3
NNE	.3	.5	1.2	1.3	.0							3.3	9.5
NE	.3	.4	.9	1.0	.0							2.6	9.2
ENE	.3	.7	.7	.9	.1							2.8	8.9
E	.3	.7	.7	.3								2.1	7.0
ESE	.3	.7	.4	.0								1.4	5.4
SE	.4	.7	.3	.1	.0							1.6	5.5
SSE	.5	.8	.6	.2	.0							2.1	6.0
S	1.0	2.1	3.4	1.2	.1							7.8	7.6
SSW	1.3	3.0	3.8	3.2	.2							11.5	8.4
SW	1.7	2.9	2.6	1.3	.1							8.7	7.0
WSW	1.4	1.8	1.7	1.3	.3	.0						6.4	7.6
W	1.5	2.4	2.4	2.1	.3	.0						8.7	8.0
WNW	1.1	2.0	1.7	1.5	.1							6.4	7.6
NW	1.3	2.4	2.5	1.7	.2	.0						8.1	7.7
NNW	.9	2.9	3.1	1.0	.0	.0						7.9	7.2
VARBL													
CALM												9.5	
	14.0	26.6	29.0	19.1	1.6	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 6896

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.5	2.5	.5								6.7	6.1
NNE	.2	.7	.5	.5	.1							2.0	8.3
NE	.1	.8	1.1	.7	.2							3.0	8.8
ENE	.2	.4	.6	.7	.2							2.2	9.9
E	.8	1.6	.7	1.3								4.4	7.5
ESE	1.0	1.2	.8	.1								3.1	5.2
SE	.5	.4	.5									1.3	5.3
SSE	.5	.7	.8									2.0	5.9
S	1.9	1.3	1.8	.8								5.9	6.2
SSW	.8	2.0	2.6	1.0	.4							6.8	7.7
SW	2.7	2.6	2.4	1.0	.1							8.8	5.9
WSW	2.5	2.5	2.4	1.1	.4							8.8	6.6
W	2.3	1.8	1.7	.7								6.5	5.9
WNW	.8	1.4	2.3	1.1								5.6	7.3
NW	.6	2.3	2.9	1.9	.5							8.1	8.8
NNW	1.1	2.2	1.3	.7	.2							5.5	6.8
VARBL													
CALM												19.2	
	17.3	24.4	24.9	12.1	2.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AWS 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.2	2.9	1.2	.1							8.5	7.1
NNE	.2	.8	.5	1.1	.1							2.7	9.4
NE	.2	.6	.4	1.0								2.2	9.3
ENE	.4	.1	1.4	1.1	.2							3.2	10.4
E	.7	1.2	1.2	.4	.5	.1						4.1	8.1
ESE	.4	.7	1.0	.1								2.2	6.1
SE	.1	.8	.6									1.6	6.2
SSE	.5	.4	.2	.4								1.4	6.2
S	1.4	1.3	1.6	.2								4.5	5.8
SSW	1.2	2.0	3.7	.8								7.8	7.1
SW	2.4	2.0	1.9	1.2	.2							7.8	6.3
WSW	1.8	2.5	1.7	.5								6.5	5.6
W	1.8	3.3	2.6	.7	.2	.1						8.8	6.6
WNW	1.2	1.9	1.2	.4								4.7	5.9
NW	1.7	1.7	3.7	.8	.5							8.4	7.3
NNW	.8	1.6	1.2	.7	.1							4.4	7.1
VARBL													
CALM												21.4	
	15.9	24.3	25.7	10.5	2.0	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.5	2.3	1.1	.5							7.6	7.5
NNE	.7	1.0	.7	1.0								3.3	7.7
NE	.6	.7	.7	.8	.2							3.1	8.6
ENE	.2	.6	1.3	1.6	.4							4.1	10.4
E	.7	1.1	1.1	1.4	.1							4.4	8.7
ESE	.4	.7	.7									1.8	6.1
SE	.4	.5	.8									1.7	5.9
SSE	.5	1.0	.5	.2								2.2	6.6
S	.8	1.3	2.0	1.0								5.1	7.5
SSW	1.3	2.0	2.2	1.7	.1							7.3	7.7
SW	1.9	3.5	1.8	.8								8.0	5.8
WSW	1.2	1.6	2.3	.8								5.9	6.7
W	1.3	2.4	2.5	1.0	.1	.1						7.4	7.0
WNW	1.0	1.4	1.7	.2	.1							4.4	6.7
NW	1.2	1.6	3.5	2.2	.2							8.6	8.3
NNW	1.2	3.0	1.8	.6	.6							7.2	7.1
VARBL													
CALM												17.9	
	19.7	29.7	25.6	19.3	2.4	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.6	3.2	2.0		.2						10.3	7.8
NNE	.6	.8	1.1	1.4	.2							4.2	9.2
NE	.5	1.1	1.4	1.3	.1							4.4	8.8
ENE	1.2	1.1	1.3	2.3	.1							6.0	8.6
E		1.0	1.8	1.2	.2							4.2	9.7
ESE	.4	.5	1.3	.1								2.3	6.8
SE	.2	.7	1.3	.2								2.5	7.3
SSE	.2	.6	1.1	1.0	.1							3.0	9.5
S	1.4	1.7	2.3	1.2	.5							7.0	7.9
SSW	.5	1.3	2.2	3.6	.7							8.2	10.6
SW	1.2	2.9	1.6	1.2	.4							7.2	7.4
WSW	.7	1.2	2.0	1.7	.1	.1	.1					6.0	9.3
W	.6	1.3	2.2	1.9	.1	.2						6.3	9.6
WNW	.2	.5	1.7	1.8	.6							4.8	11.1
NW	.4	.6	3.5	2.7	.6	.2						8.0	10.7
NNW	1.0	1.3	3.1	4.2	.5							10.0	9.7
VARBL													
CALM												5.6	
	10.3	20.1	30.9	27.8	4.3	.8	.1					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB, MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.2	3.8	2.3	.2	.1	.1					9.1	9.4
NNE	.4	.5	1.4	1.9	.5							4.7	10.8
NE	.5	1.8	3.5	2.0	.4							8.1	9.0
ENE	.8	2.9	3.7	1.6								9.0	7.3
E	.4	2.5	2.6	.6	.1							6.2	7.2
ESE	.7	1.7	2.9	.4								5.6	7.2
SE	.1	.7	.5	.1								1.4	6.2
SSE	.2	.2	1.2	.5	.2							2.4	9.6
S	.4	1.8	4.4	2.4	.6	.1						9.7	9.8
SSW	.7	1.0	1.8	2.0	.8							6.3	10.3
SW	.4	.8	2.2	1.7	.8	.5	.2	.1				6.7	12.7
WSW	.7	1.2	1.7	3.0	.7	.2	.1					7.6	11.3
W	.1	.2	2.9	2.0	.5	.1						5.9	11.5
WNW	.1		.6	2.4	.6							3.7	13.4
NW	.2	.6	1.6	3.0	1.1	.4						6.8	12.6
NNW	.4	.6	2.9	2.0								5.9	9.3
VARBL													
CALM												1.0	
	6.5	18.6	37.5	27.8	6.6	1.4	.5	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	3.9	2.5		.1						7.8	9.4
NNE		.5	2.0	1.4	.2							4.2	10.4
NE	.2	1.3	2.0	2.4	.2							6.2	9.6
ENE	.7	3.7	3.9	.4								8.7	6.9
E	1.7	3.2	3.5	1.7								10.0	6.9
ESE	.7	2.4	3.2	.1								6.5	6.7
SE	.4	2.3	1.2	.4								4.2	6.3
SSE	.2	.6	2.0	.1								3.0	7.2
S	.4	1.4	3.6	1.7	1.0							8.0	9.9
SSW	.2	.8	2.3	2.0	1.0	.1						6.5	11.1
SW	.1	.2	.7	1.8	.2	.1	.4					3.6	13.6
WSW	.1	.5	1.8	3.5	1.0	.1						6.9	12.3
W	.1	.6	1.6	2.7	.6							5.6	12.0
WNW	.2	.4	.6	3.5	1.4	.1						6.2	13.7
NW		.2	2.2	1.6	1.4	.1						5.5	12.9
NNW	.1	.8	2.7	1.1	.7	.2						5.7	10.9
VARBL													
CALM												1.4	
	5.4	20.1	37.3	26.8	7.8	1.0	.4					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.4	2.0	.6								6.8	5.8
NNE	.4	3.0	1.4	.7								5.5	6.8
NE	1.0	1.8	1.2	1.0								4.9	7.2
ENE	1.1	2.4	1.2	.8								5.5	6.3
E	1.9	2.4	1.6	.7								6.6	5.7
ESE	1.3	1.9	1.3	.5								5.0	5.7
SE	1.2	2.2	1.0	.1								4.4	5.0
SSE	1.2	1.2	.7	.5								3.6	5.9
S	1.1	2.0	2.9	1.3		.1						7.4	7.7
SSW	.4	1.9	2.6	1.6	.2							6.7	8.7
SW	.6	.5	1.3	1.4	.2		.1					4.2	10.5
WSW	.1	1.6	2.6	1.4	.4							6.1	9.2
W	.6	1.6	1.6	3.0	.2							6.9	9.7
WNW	.6	1.6	2.3	2.3	.2							6.9	9.2
NW	.4	1.6	1.6	2.2	.6	.4						6.6	11.0
NNW	.5	1.0	1.6	.6	.4							3.9	8.7
VARBL													
CALM												8.9	
	14.0	28.8	26.8	18.7	2.3	.5	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.2	1.6	.4	.2							6.6	5.7
NNE	.8	1.1	.8	.4								3.1	6.1
NE	.5	.5	.7	.7	.1							2.5	8.3
ENE	.6	.8	.5	.8								2.7	7.4
E	1.3	1.2	2.2	.4	.1							5.1	6.7
ESE	.4	.5	1.4	.2								2.5	7.0
SE	.4	1.0	.4	.1								1.8	5.4
SSE	.5	1.4	1.2	.4								3.5	6.5
S	1.2	2.5	1.4	.8								6.0	6.5
SSW	1.2	1.6	2.9	1.3								6.9	7.6
SW	1.6	1.9	3.0	1.6	.1	.1						8.2	7.8
WSW	1.8	1.7	1.2	1.1	.1	.2						6.1	7.5
W	1.4	3.2	1.7	.7	.1							7.2	6.2
WNW	1.1	1.9	1.4	.7	.1							5.3	7.1
NW	.8	.7	2.9	3.1	.5							8.0	10.0
NNW	1.4	1.8	1.3	1.1	.1							5.7	7.0
VARBL													
CALM												18.8	
	17.2	23.9	24.5	13.7	1.6	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

ALL (HOURS (L.S.T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	2.8	1.3	.1	.1	.0					7.9	7.5
NNE	.4	1.0	1.1	1.0	.1							3.7	8.6
NE	.4	1.1	1.4	1.2	.2							4.3	8.8
ENE	.7	1.5	1.7	1.2	.1							5.2	8.0
E	.9	1.8	1.8	1.0	.1	.0						5.6	7.4
ESE	.6	1.2	1.6	.2								3.6	6.4
SE	.4	1.1	.8	.1								2.4	5.9
SSE	.5	.8	1.0	.4	.0							2.6	7.2
S	1.1	1.7	2.5	1.2	.3	.0						6.7	8.0
SSW	.8	1.6	2.5	1.7	.4	.0						7.1	8.8
SW	1.4	1.8	1.9	1.3	.3	.1	.1	.0				6.8	8.1
WSW	1.1	1.6	2.0	1.6	.3	.1	.0					6.7	8.6
W	1.0	1.8	2.1	1.6	.2	.1						6.8	8.3
WNW	.7	1.1	1.5	1.5	.4	.0						5.2	9.3
NW	.7	1.2	2.7	2.2	.7	.1						7.5	10.0
NNW	.8	1.5	2.0	1.4	.3	.0						6.0	8.4
VARBL													
CALM												11.8	
	12.7	23.1	29.2	19.0	3.6	.6	.1	.0				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 6695

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	4.8	2.6	.9	.1							11.6	5.7
NNE	1.5	.5	1.5	1.1								4.6	7.4
NE	.2		.5	1.1	.2	.2						2.3	13.6
ENE	.9	.9	.2	.5	.1							2.6	6.2
E	.9	1.4	1.1	.4								3.7	6.4
ESE	.5	.4	.9									1.7	5.6
SE	.5	.2	.4									1.1	4.2
SSE	.1	.2	.4	.2								1.0	7.6
S	.2	1.4	2.6	1.5								5.7	8.6
SSW	1.0	2.6	1.6	.5								5.7	6.2
SW	3.1	3.1	.6	.4	.1							7.3	4.7
WSW	3.2	1.2	.1	.2		.2						5.1	4.5
W	1.6	3.1	2.0	.9	.1			.1				7.8	6.8
WNW	1.2	1.0	.6	1.2								4.1	7.0
NW	1.4	2.7	1.7	1.5	.2							7.5	7.3
NNW	1.5	1.9	3.7	.5	.1							7.7	7.0
VARBL													
CALM												20.6	
	21.0	25.3	20.5	10.9	1.1	.5		.1				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	2.0	3.2	1.4								10.0	6.4
NNE	.7	.7	1.2	1.4	.1							4.2	8.6
NE	.4	1.1	.9	2.0	.6							4.9	10.4
ENE	1.1	.9	.5	1.0								3.5	6.7
E	1.2	1.2	1.0									3.5	5.0
ESE	.2	.9	.2									1.4	5.0
SE	.2	.2	.1									.6	5.2
SSE	.5	.2	.5									1.2	5.6
S	.7	1.7	1.5	.5	.4							4.8	7.1
SSW	1.9	3.0	2.2	.2		.1						7.4	6.2
SW	1.9	2.6	1.4	.1	.1		.1					6.2	5.6
WSW	2.8	1.1	1.0	.6		.1						5.7	5.6
W	1.4	1.7	2.0	.2			.1	.2				5.7	7.6
WNW	1.1	1.5	2.1	.5	.2							5.4	7.0
NW	1.6	3.6	1.5	.1								6.8	5.2
NNW	1.1	2.8	3.8	.9								8.6	6.9
VARBL													
CALM												20.1	
	20.4	25.3	23.1	8.9	1.5	.2	.2	.2				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) MURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	3.0	4.4	2.0								11.6	7.3
NNE	1.0	1.2	1.4	1.5								5.1	7.9
NE	.4	2.1	1.2	1.1	.4	.1						5.3	9.0
ENE	.7	1.2	1.6	1.4								4.9	8.2
E	.5	1.0	1.4	.2								3.1	6.5
ESE	.7	1.4	.4	.1								2.6	5.2
SE	.4	.7	.4									1.5	4.9
SSE	.2	.5	.5									1.2	5.4
S	1.4	1.7	1.9	.9	.4							6.2	7.7
SSW	.9	2.7	2.3	1.2								7.2	7.3
SW	1.7	3.0	.6	.2								5.6	4.6
WSW	1.1	1.2	.9	.4	.4	.1						4.1	7.4
W	1.1	2.3	2.2	.7								6.4	6.8
WNW	.5	1.5	2.0	.9	.1		.1	.2				5.3	9.5
NW	1.1	1.9	1.6	1.1	.1	.1						5.9	7.4
NNW	2.6	4.1	3.3	1.4	.2							11.6	6.6
VARBL													
CALM												12.5	
	16.5	29.5	26.0	13.1	1.6	.4	.1	.2				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.0	5.4	3.7	.1							13.6	8.5
NNE	.7	1.7	.7	1.4	.1	.1						4.8	8.1
NE	.6	2.5	2.5	2.7	.6	.2						9.1	9.5
ENE	.7	2.7	3.3	.9	.2							7.9	7.6
E	1.4	2.3	2.3	.6								6.7	6.5
ESE	.6	1.2	1.7	.2								3.8	6.4
SE	.5	1.0	1.2	.1								2.8	6.0
SSE	.2	.4	.9	.4								1.9	7.3
S	.4	.6	2.1	1.6	.4	.2						5.3	10.5
SSW	.5	1.1	4.1	2.5	.6	.1						8.9	10.0
SW	.4	.9	2.3	1.7	.5	.2						6.1	10.1
WSW	.1	.5	1.2	2.0	.4							4.2	11.1
W	.2	1.0	1.9	1.1	.1							4.3	9.3
WNW	.2	.9	1.5	2.2	.2	.5						5.6	11.5
NW	.1	1.2	1.7	2.3	.2							5.7	10.0
NNW	.6	1.4	3.0	2.1	.5							7.5	9.5
VARBL													
CALM												1.7	
	8.8	22.4	36.0	25.6	4.1	1.5						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 809

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	2.7	1.4	.4							6.0	9.1
NNE	.2	.2	2.1	1.2	.4	.1						4.3	10.7
NE	.5	.7	2.8	5.3	.4							9.8	10.9
ENE	.1	3.1	7.0	1.6		.2						12.1	8.6
E	.5	4.0	7.7	.7								12.8	7.4
ESE	.4	1.7	3.3	.1								5.6	7.2
SE	.2	1.0	2.3									3.6	7.3
SSE		.7	3.2	.6								4.6	8.7
S	.2	.5	2.1	3.7	1.7							8.3	12.6
SSW		.2	2.5	2.2	.2	.2						5.4	11.4
SW		.2	1.4	1.1	.6	.1						3.5	12.7
WSW	.1	.1	.9	1.9	1.0							4.0	13.2
W	.1	.4	.2	2.8	1.1	.1						4.8	13.6
WNW		.4	.6	1.4	.1	.7						3.2	14.1
NW	.4	1.0	1.4	1.4								4.1	9.2
NNW	.1	.6	3.0	2.7	1.0							7.4	11.1
VARBL													
CALM												.6	
	3.5	16.0	43.2	28.1	6.9	1.6						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.5	1.6	1.9								4.4	9.3
NNE	.2	1.0	1.7	1.6	.2							4.8	9.8
NE	.4	1.4	4.2	5.3	.2	.2						11.7	10.5
ENE	.6	2.8	8.0	2.7	.1							14.3	8.6
E	.9	4.6	6.7	.5								12.6	6.9
ESE	.4	3.2	2.7	.5								6.8	6.9
SE	.1	.9	2.1	.1								3.2	7.7
SSE	.4	.7	2.2	.4								3.7	7.7
S	.2	.9	2.8	4.8	1.1	.1						10.0	11.7
SSW	.1	.2	.4	2.2	.9							3.8	12.5
SW		.4	.6	1.7	.7	.5	.1					4.1	14.5
WSW		.1	1.5	1.8	.9	.4						4.3	13.8
W	.1		1.0	2.2	.4	.1						3.8	12.3
WNW		.2	.6	1.8	.5	.6						3.5	14.8
NW			1.5	1.2	.2	.2						3.2	13.3
NNW		.6	2.5	1.6	.6							5.3	11.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.4	
	4.0	17.5	48.1	29.8	5.9	2.2	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM AIL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.9	1.7	1.0								6.4	6.1
NNE	1.2	2.8	2.6	1.5								8.1	6.9
NE	1.0	2.8	2.8	1.1	.5							8.3	7.9
ENE	2.3	4.0	3.1	.9								10.2	6.0
E	3.0	2.8	2.1	.1								8.0	4.9
ESE	1.0	1.7	1.5	.1	.1							4.4	5.9
SE	1.7	1.5	.9	.1								4.2	4.6
SSE	1.6	1.0	.6	.2								3.5	4.6
S	.4	2.0	2.3	2.1								6.8	8.7
SSW	.9	.2	1.5	1.7								4.3	8.9
SW	.6	.7	.6	.7	.4	.5						3.6	10.8
WSW	.2	.6	1.2	1.9	.4	.1						4.4	10.9
W	.5	.7	2.6	1.4	.1							5.3	9.0
WNW	.4	.4	1.2	1.6	.4	.2						4.2	11.3
NW	.2	.7	1.4	1.7	.5							4.6	10.3
NNW	.6	1.4	1.5	1.7	.2							5.4	8.7
VARBL													
CALM												8.1	
	17.5	25.3	27.7	17.9	2.6	.9						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.7	3.7	3.0	.2		.1						11.7	5.1
NNE	.6	.4	.7	.5	.1							2.3	7.5
NE	1.2	.6	1.1	1.1		.4						4.4	8.8
ENE	1.4	1.2	.7	.2	.1							3.7	5.6
E	1.4	1.4	.7	.4								3.8	5.5
ESE	.7	.9	.1									1.7	4.2
SE	.2	.4	.1	.2								1.0	6.4
SSE	.2	.9	.5	.4								2.0	7.1
S	.4	1.4	3.1	1.5	.1							6.4	8.4
SSW	1.5	.7	1.4	1.0								4.6	6.9
SW	1.9	1.9	.6	.1	.1	.1						4.7	5.1
WSW	1.9	1.4	.6	.6	.2	.1						4.8	7.1
W	.6	1.7	2.0	1.7	.2							6.3	8.4
WNW	.9	1.5	.6	2.1	.2							5.3	8.9
NW	1.1	1.5	2.5	.7	.7							6.5	8.4
NNW	1.9	1.2	2.0	1.1	.4							6.5	7.2
VARBL													
CALM												24.1	
	20.5	20.6	19.8	12.8	2.3	.7						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.5	3.1	1.5	.1	.0						9.4	7.0
NNE	.8	1.1	1.5	1.3	.1	.0						4.8	8.3
NE	.6	1.4	2.0	2.5	.4	.2						7.0	9.9
ENE	1.0	2.1	3.1	1.1	.1	.0						7.4	7.6
E	1.2	2.3	2.9	.4								6.8	6.4
ESE	.6	1.4	1.4	.1	.0							3.5	6.2
SE	.5	.7	.9	.1								2.3	6.0
SSE	.4	.6	1.1	.3								2.4	7.0
S	.5	1.3	2.3	2.1	.5	.0						6.7	9.7
SSW	.8	1.4	2.0	1.5	.2	.1						5.9	8.5
SW	1.2	1.6	1.0	.8	.3	.2	.0					5.1	7.9
WSW	1.2	.8	.9	1.1	.4	.1						4.6	8.9
W	.7	1.4	1.7	1.4	.3	.0	.0	.0				5.6	8.8
WNW	.5	.9	1.2	1.4	.2	.3	.0	.0				4.6	10.2
NW	.7	1.6	1.7	1.3	.3	.0						5.5	8.4
NNW	1.0	1.7	2.8	1.5	.4							7.5	8.3
VARBL													
CALM												11.0	
	14.0	22.8	29.5	18.3	3.3	1.0	.1	.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 6479

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB, MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	1.9	1.7	.6								7.1	5.1
NNE	.7	1.2	.5	.4	.2							3.0	7.4
NE	.5	1.2	.6	.4								2.6	6.4
ENE	1.0	1.2		.6								2.8	5.8
E	1.1	.5	.4	.2								2.2	4.5
ESE	.4	.5	.4									1.2	5.3
SE	.4	1.0	.5									1.8	5.4
SSE	1.1	.7										1.8	3.1
S	.8	1.3	1.2	.5								3.8	6.4
SSW	2.9	2.5	1.7	1.1								8.1	5.8
SW	2.5	2.4	1.0	.4	.2							6.5	5.2
WSW	1.2	1.6	.5									3.2	4.2
W	2.5	2.5	1.0	.5								6.5	4.8
WNW	1.3	2.4	1.3	.1								5.1	5.3
NW	1.2	2.5	.8	.1								4.7	4.9
NNW	1.8	2.4	1.2	.2								5.6	5.1
VARBL													
CALM												34.1	
	22.1	25.7	12.6	5.0	.5							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.3	2.2	.6								6.9	5.8
NNE	.6	.5	.6	1.2	.1							3.0	9.3
NE	1.0	.7	.5	.7	.1							3.0	7.3
ENE	1.4	.6		.1								2.2	3.4
E	.8	1.1	.8	.1								2.9	5.4
ESE		.1	.1									.2	5.5
SE	.1	.2	.6	.1								1.1	7.8
SSE	.2	.2	.2									.7	5.2
S	1.2	2.0	.8									4.1	4.7
SSW	2.4	1.8	1.6	1.4								7.2	6.3
SW	1.6	3.1	.8	.1								5.6	4.9
WSW	1.8	2.5	.4									4.7	4.0
W	1.9	1.3	2.2	.6								6.0	5.9
WNW	1.2	1.9	1.1	.5								4.7	5.8
NW	.8	2.8	1.4									5.0	5.3
NNW	1.7	3.3	1.1									6.1	4.7
VARBL													
CALM												36.7	
	18.7	24.5	14.4	5.5	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	3.7	3.2	1.0								10.8	5.8
NNE	1.1	1.6	.5	1.6	.1							4.8	7.7
NE	.8	.7	1.4	.6								3.6	7.0
ENE	.5	1.7	.8	.5								3.5	6.4
E	.5	1.3	.8	.1								2.7	5.8
ESE	.7	.8	1.0									2.5	5.2
SE	.5	.8	.5	.1								1.9	5.8
SSE	.6	.4	.4									1.3	4.5
S	1.3	1.1	1.7	.5								4.5	6.3
SSW	2.2	2.7	2.5	.8								8.2	6.1
SW	1.9	2.4	1.2	.7								6.2	5.9
WSW	1.9	1.3	1.3	.2	.1							4.9	5.5
W	.8	1.2	2.6	.5								5.1	7.1
WNW	.4	.8	2.5	.8								4.5	8.3
NW	1.7	1.8	2.7	.7	.1							7.0	6.8
NNW	1.8	2.5	2.2	.2								6.7	5.6
VARBL													
CALM												21.6	
	19.5	24.9	25.3	8.4	.4							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.2	2.6	1.6	.2	.1						7.6	8.0
NNE	.5	1.3	1.7	1.2	.6							5.3	9.3
NE	.5	1.6	2.5	1.2	.2							6.0	8.4
ENE	1.6	4.4	4.1	1.6								11.6	6.9
E	.6	5.0	3.6	.4								9.6	6.4
ESE	1.3	1.6	1.7									4.5	5.3
SE	.8	1.0	.8	.1								2.7	5.4
SSE	.6	.8	1.0	.1								2.5	6.2
S	.5	1.1	3.6	1.9	.1							7.2	8.9
SSW	.6	1.4	2.9	1.8								6.7	8.6
SW	.6	1.9	1.9	1.2	.4							6.0	8.5
WSW	.6	.7	1.9	1.2	.1	.2						4.8	9.3
W	.6	1.1	2.2	2.4	.1							6.3	9.4
WNW	.5	.7	2.3	1.6								5.0	8.8
NW	.1	.6	1.6	1.9	.1							4.3	10.1
NNW	.6	1.0	2.3	1.9		.2						6.0	9.4
VARBL													
CALM												3.9	
	10.9	26.3	36.4	20.0	1.9	.6						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.7	1.9	1.6								4.4	9.5
NNE	.2	.6	1.4	1.2	.4							3.8	10.2
NE	.2	.6	3.3	2.9	.1							7.2	10.2
ENE	.1	2.5	9.7	2.9								15.2	8.6
E	.6	5.0	7.6	1.4								14.7	7.3
ESE	.6	2.6	5.6	.5								9.3	7.4
SE	.1	1.1	1.4	.7	.1							3.5	8.3
SSE	.4	.7	2.2	.5	.1							3.8	8.2
S		2.0	3.8	4.3	.7	.2						11.1	10.7
SSW	.1	.6	2.0	2.6								5.4	10.5
SW	.1	.5	1.0	1.1	.7	.2						3.6	12.3
WSW	.1	.2	1.2	1.4	.4	.4						3.7	12.8
W	.2	.4	1.4	1.6	.2	.2						4.1	11.2
WNW	.1	.2	.5	1.3	.1							2.3	11.4
NW	.1	.1	.8	2.3	.1							3.5	11.4
NNW		.5	1.6	1.4	.1	.2	.1					3.9	11.4
VARBL													
CALM												.6	
	3.3	18.4	45.5	27.6	3.1	1.3	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.6	2.3	1.1	.4							5.0	9.3
NNE	.1	.2	1.1	1.2	.1							2.7	10.2
NE		1.6	4.3	3.5								9.3	9.4
ENE	.5	4.4	7.2	2.0	.2							14.3	8.0
E	1.3	5.5	7.3	.5								14.6	6.8
ESE	1.0	4.2	6.0	.4								11.5	6.9
SE	.8	1.3	3.6	.5								6.2	7.2
SSE	.1	2.0	2.0	.4								4.5	7.1
S	.1	.6	3.1	6.0	.4							10.2	11.4
SSW		.6	.1	1.8	.8							3.3	13.2
SW	.1	.1	.2	.8	.4	.2						1.9	13.8
WSW		.1	1.0	1.9	.4	.1						3.5	13.1
W	.1	.2	1.3	1.8	.4	.1						3.9	11.7
WNW		.1	1.1	1.7								2.9	11.2
NW	.1	.1	1.0	1.9	.2							3.3	12.0
NNW	.4	.2	.4	1.1	.1	.4						2.5	12.7
VARBL													
CALM												.2	
	5.4	22.0	41.8	26.4	3.3	.8						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.4	1.9	1.4	.1							6.5	7.3
NNE	.5	2.0	2.4	.5								5.4	7.0
NE	1.9	4.3	3.6	.8								10.7	6.3
ENE	2.0	3.8	3.0	.4								9.2	5.6
E	4.4	4.0	1.8	.7								10.9	4.7
ESE	2.4	3.2	2.3									7.9	5.0
SE	1.8	2.4	1.1	.2								5.5	5.0
SSE	1.1	1.4	.7									3.2	4.9
S	2.0	2.0	5.0	1.4	.1							10.7	7.2
SSW	.6	.8	1.7	1.0	.1							4.2	8.4
SW	.4	1.0	.6	.7	.1							2.8	8.4
WSW		.5	.2	.7								1.4	10.1
W	.5	.5	1.2	1.6								3.7	9.4
WNW	.4	.7	1.4	1.2								3.7	8.7
NW	.1	.6	1.0	1.0								2.6	9.2
NNW	.4	.2	1.0	.8		.1						2.5	9.5
VARBL													
CALM												9.1	
	20.0	29.0	28.9	12.5	.5	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 835

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	2.0	2.0	.8								8.2	5.5
NNE	1.3	1.6	.2	.2								3.4	4.6
NE	1.3	1.6	.8	.7								4.4	5.8
ENE	1.3	1.1	.4									2.8	4.0
E	.7	1.0	.4	.7								2.8	7.2
ESE	.6	1.2	.4	.1								2.3	4.9
SE	.5	.6										1.1	3.4
SSE	1.1	.2	.5									1.8	4.1
S	1.9	.8	2.6	.7								6.1	6.4
SSW	2.5	1.9	1.9	.8								7.2	5.8
SW	2.0	1.3	1.8									5.2	5.1
WSW	1.7	1.0	.2									2.9	3.6
W	.8	1.9	1.1	.6								4.4	6.3
WNW	1.3	1.2	1.2									3.7	5.4
NW	1.2	.8	1.0	.2								3.2	5.4
NNW	1.7	1.3	1.2	.4								4.6	5.3
VARBL													
CALM												36.1	
	23.3	19.5	15.7	5.4								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.9	2.2	1.1	.1	.0						7.1	6.7
NNE	.6	1.1	1.0	.9	.2							3.9	8.2
NE	.8	1.5	2.1	1.3	.1							5.8	7.9
ENE	1.0	2.5	3.1	1.0	.0							7.7	7.1
E	1.3	2.9	2.8	.5								7.5	6.3
ESE	.9	1.8	2.2	.1								4.9	6.2
SE	.6	1.0	1.1	.2	.0							3.0	6.3
SSE	.6	.8	.9	.1	.0							2.5	6.0
S	1.0	1.4	2.7	1.9	.2	.0						7.2	8.4
SSW	1.4	1.6	1.8	1.4	.1							6.3	7.5
SW	1.2	1.6	1.1	.6	.2	.1						4.7	7.1
WSW	.9	1.0	.8	.7	.1	.1						3.6	7.6
W	.9	1.1	1.6	1.2	.1	.0						5.0	7.9
WNW	.6	1.0	1.4	.9	.0							4.0	7.7
NW	.7	1.2	1.3	1.0	.1							4.2	7.8
NNW	1.0	1.4	1.3	.8	.0	.1	.0					4.7	7.3
VARBL													
CALM												17.8	
	15.4	23.8	27.6	13.8	1.2	.4	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 6689

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.0	1.9	.1	.1							5.8	5.4
NNE	1.1	.9	.4	.2								2.6	5.0
NE	.7	.9	.1									1.7	4.1
ENE	.4	.9	.2									1.5	4.6
E	.2	.4	.4									1.0	4.9
ESE		.1	.2									.4	7.3
SE	.1	.1										.2	4.0
SSE	.7	1.0	.2									2.0	4.1
S	2.0	2.7	2.2	1.0								7.9	6.2
SSW	3.2	3.0	3.0	.5								9.6	5.5
SW	3.8	3.7	1.9	.1								9.5	4.5
WSW	1.4	1.9	.5	.1								3.8	4.5
W	1.9	1.4	.2	.4								3.8	4.4
WNW	1.2	1.0	.9	.2								3.3	5.2
NW	.9	2.0	1.6	.1	.1							4.7	6.1
NNW	1.5	2.0	.6	.2								4.3	4.8
VARBL													
CALM												37.8	
	20.9	23.7	19.3	3.1	.2							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM AWS 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	3.2	2.0	.2								7.4	5.2
NNE	.7	.9	.2	.1								2.0	4.6
NE	.7	.6										1.4	3.8
ENE	.7	.4	.1									1.2	3.2
E	.7	.9	.2									1.9	4.3
ESE	.2	.1	.1									.5	4.3
SE	.1	.2	.2									.6	5.6
SSE	.2	.7	.1									1.1	4.7
S	2.2	1.5	2.2	.6								6.5	6.0
SSW	3.6	4.2	2.8	.2								10.9	5.0
SW	4.1	4.4	1.6									10.1	4.3
WSW	2.0	1.6	.9	.5								4.9	4.9
W	2.6	1.4	.5	.5								4.9	4.6
WNW	.6	1.4	1.0									3.0	5.6
NW	.6	1.6	1.5	.4	.1							4.2	6.9
NNW	1.1	1.4	1.6	.5		.1						4.7	6.9
VARBL													
CALM												34.7	
	22.3	24.4	15.2	3.1	.1	.1						000.0	3.9

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	4.0	2.0	.2								8.3	5.2
NNE	.9	.4	1.1	1.0	.1							3.5	8.5
NE	.6	.5	.4	.6								2.1	7.1
ENE	.4	1.4	.2									2.0	5.0
E	1.7	1.2	.9									3.8	4.5
ESE	.2	.4	.1									.7	4.2
SE	.5	.4	.4									1.2	4.9
SSE	.4	.6	.6	.2								1.9	6.7
S	2.0	3.2	3.8	.2								9.3	5.9
SSW	3.1	4.8	4.6	.9								13.3	6.0
SW	2.3	3.1	3.8	.4								9.6	6.1
WSW	1.1	1.6	2.0	.9								5.6	7.1
W	2.0	1.2	2.2	.2								5.7	5.5
WNW	1.0	1.6	1.5	.6								4.7	6.6
NW	.7	2.0	2.0	.2								4.9	6.3
NNW	.9	3.3	1.4	.7	.1							6.4	6.5
VARBL													
CALM												17.0	
	19.9	29.6	26.9	6.3	.2							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.6	2.3	.7								4.7	7.6
NNE	.5	1.1	1.9	1.7								5.2	8.8
NE	.4	1.6	2.2	1.1								5.3	7.9
ENE	.7	2.3	2.2	.5								5.8	6.4
E	1.6	3.7	1.9									7.2	5.2
ESE	.9	3.2	1.5									5.6	5.3
SE	.6	.4	.7	.1								1.9	5.8
SSE	.6	.9	1.2	.6								3.3	7.0
S	1.4	2.0	4.1	1.9								9.3	7.9
SSW	.9	2.1	6.3	4.0	.2							13.5	9.1
SW	.7	2.1	3.2	2.7	.4							9.1	8.8
WSW	.9	1.9	3.3	1.2	.1							7.4	7.9
W	.7	.4	3.0	2.6								6.7	9.4
WNW	.6	.6	1.9	1.2	.1							4.4	9.0
NW	.1	.9	2.2	1.9								5.1	9.4
NNW	.4	1.1	2.0	.7								4.2	7.6
VARBL													
CALM												1.5	
	12.0	24.8	39.9	21.0	.9							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.5	1.2	1.6	.1							4.0	9.1
NNE	.2		.9	.9	.2							2.2	11.2
NE		.4	1.4	2.3								4.1	11.3
ENE	.4	1.9	4.0	2.1								8.3	8.4
E	.2	4.6	6.6	.2								11.6	7.3
ESE	.2	3.0	4.1	.1								7.4	6.8
SE	.4	1.2	3.0	.2								4.8	7.3
SSE	.4	1.6	2.7	1.0								5.7	7.9
S	.2	1.5	6.4	5.6	.4							14.1	10.4
SSW	.1	1.1	3.7	3.6	.4							8.9	10.3
SW	.1	.5	2.3	2.5	.6							6.1	11.2
WSW	.4	.9	1.5	2.1	.7	.1						5.7	11.1
W	.4	.5	2.8	3.3	.1	.1						7.3	11.2
WNW	.2	.4	1.5	1.4	.1							3.6	9.9
NW		.1	.9	1.7	.2							3.0	11.9
NNW	.2	.7	.7	.9								2.6	8.8
VARBL													
CALM												.7	
	4.1	18.8	43.6	29.3	3.0	.2						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	1.2	.6	.1							2.5	9.5
NNE	.1	.5	.7	.9	.4							2.6	10.8
NE	.5	1.0	2.0	3.2	.1							6.8	10.0
ENE	.5	3.2	6.0	.7								10.5	7.4
E	.6	5.7	6.3	.1								12.7	6.6
ESE	.4	3.8	4.9	.1								9.3	6.9
SE	.1	2.7	2.7									5.6	6.8
SSE		.9	2.6	.7								4.2	8.7
S	.4	1.6	5.6	5.7	.1							13.3	10.1
SSW	.4	1.5	3.7	3.3	.4							9.3	9.9
SW	.2	.2	.7	1.9	.2	.1						3.5	11.6
WSW	.1	.9	1.4	1.9	.4	.1						4.7	10.9
W			1.9	3.3	1.0							6.2	12.6
WNW		.4	.9	1.7	.1							3.1	11.6
NW	.1	.1	.7	1.6	.1							2.7	11.1
NNW		.4	.9	1.0								2.2	10.1
VARBL													
CALM												1.0	
	3.6	23.2	42.2	26.8	3.0	.2						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM AUG 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	1.1	.9								5.1	6.2
NNE	.7	1.5	1.7	.4	.4							4.7	7.8
NE	1.4	2.6	2.7	.4								7.0	6.3
ENE	1.7	3.7	2.3	.1								7.9	5.4
E	4.8	5.6	1.1									11.5	4.0
ESE	3.0	3.2	.7									6.9	4.1
SE	1.9	1.7	1.0									4.6	4.3
SSE	1.5	1.7	1.6									4.8	4.9
S	1.2	3.1	3.6	.7	.1							8.8	6.9
SSW	.5	2.5	4.6	1.1								8.6	8.0
SW	.7	.6	1.4	2.0	.1							4.8	8.9
WSW	.6	1.1	1.9	1.1								4.7	8.1
W	.2	.6	1.6	.6	.5							3.6	9.8
WNW	.5	1.2	2.2	.9	.1							4.9	8.0
NW	.1	.4	.9	.9	.1							2.3	9.6
NNW	.5	.2	.7	.4								1.9	7.1
VARBL													
CALM												7.9	
	20.7	31.5	29.1	9.4	1.4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

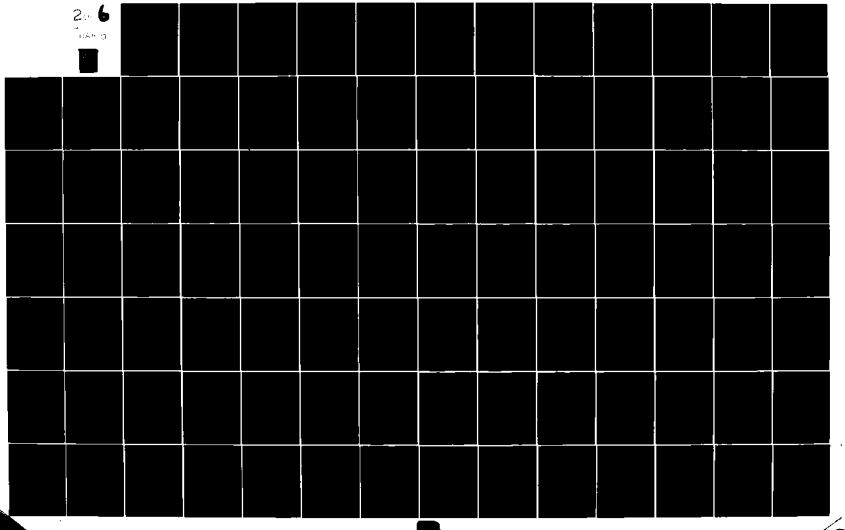
(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.0	.7	.1								5.6	4.0
NNE	1.1	.5	.6	.2	.2							2.7	6.6
NE	1.6	1.4	.2	.2								3.5	4.0
ENE	1.6	.6	.6	.1								3.0	4.6
E	1.1	1.0	.5									2.6	4.0
ESE	.5	.5	.1									1.1	3.8
SE	.9	.5	.2									1.6	4.2
SSE	1.5	1.5	1.0	.1								4.1	5.1
S	2.2	2.1	2.7	.6								7.7	6.1
SSW	4.2	3.6	1.9	.1								9.8	4.5
SW	2.7	2.5	1.0	.6								6.8	4.9
WSW	2.2	1.0	.4	.2								3.8	4.1
W	1.5	1.4	.4	.1								3.3	4.5
WNW	.7	1.1	1.1	.2								3.2	5.9
NW	.7	1.0	.9	.6								3.2	6.8
NNW	1.7	1.6	.4									3.7	3.7
VARBL													
CALM												34.4	
	27.0	22.1	12.7	3.5	.2							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 810

AD-A118 510 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WURTSMITH AFB, MICHIGAN. REVISED UNIFORM SUMMARY OF SURFACE WEA--ETC(U)
JUN 82

UNCLASSIFIED USAFETAC/DS-82/037 SBI-AD-E850 196 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.8	1.6	.6	.0							5.4	6.1
NNE	.7	.7	.9	.7	.2							3.2	8.1
NE	.7	1.1	1.1	1.0	.0							4.0	7.6
ENE	.8	1.8	2.0	.4								5.0	6.5
E	1.4	2.9	2.2	.0								6.5	5.6
ESE	.7	1.8	1.5	.0								4.0	5.8
SE	.6	.9	1.0	.0								2.6	5.9
SSE	.7	1.1	1.3	.3								3.4	6.5
S	1.5	2.2	3.8	2.0	.1							9.6	7.9
SSW	2.0	2.8	3.8	1.7	.1							10.5	7.2
SW	1.9	2.1	2.0	1.3	.2	.0						7.4	6.9
WSW	1.1	1.3	1.5	1.0	.2	.0						5.1	7.6
W	1.2	.8	1.6	1.4	.2	.0						5.2	8.3
WNW	.6	1.0	1.4	.8	.1							3.8	7.7
NW	.4	1.0	1.3	.9	.1							3.8	8.2
NNW	.8	1.3	1.0	.6	.0	.0						3.8	6.6
VARBL													
CALM												16.9	
	16.3	24.8	28.0	12.8	1.1	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 6479

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	3.3	.6	.2								6.3	4.5
NNE	.1	.7		.1	.1							1.1	7.2
NE	.2	.1	.1									.5	4.3
ENE	.4	.5	.2									1.1	5.0
E	.5	.4										.8	3.0
ESE				.1								.1	11.0
SE		.2	.1									.4	6.7
SSE		.1		.1								.2	10.0
S	1.3	1.4	1.0	.4								4.1	5.6
SSW	2.5	3.9	2.2									8.6	4.7
SW	5.4	3.7	1.8	.4								11.2	4.2
WSW	3.2	.7	.4	.1								4.4	3.4
W	2.7	2.3	1.4	.1								6.6	4.6
WNW	1.9	2.0	.6	.2								4.8	4.7
NW	2.3	1.9	1.0									5.1	4.3
NNW	1.9	2.3	2.0	.2								6.5	5.5
VARBL													
CALM												38.2	
	24.6	23.7	11.4	2.0	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	2.6	.6	.2								6.1	4.4
NNE	.5	.5	.2									1.2	4.3
NE	.1	.6	.5									1.2	6.0
ENE	.4	.2	.1									.7	4.2
E	.2	.1										.4	3.0
ESE	.1											.1	2.0
SE		.1		.2								.4	10.7
SSE	.2		.2	.1								.6	6.8
S	1.1	1.6	1.0	.2								3.8	5.8
SSW	2.5	3.6	2.3									8.4	5.0
SW	4.3	4.5	1.7									10.5	4.3
WSW	2.6	1.9	.5	.1								5.1	4.1
W	1.8	1.8	.6	.2	.1							4.5	5.1
WNW	2.3	2.2	.8	.5								5.7	4.8
NW	1.1	2.5	1.8									5.4	5.4
NNW	1.7	2.4	1.9	.1								6.1	5.4
VARBL													
CALM												39.7	
	21.5	24.6	12.2	1.8	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	3.1	1.2	.1								6.8	4.9
NNE	1.1	1.0	.5									2.5	4.2
NE	.4	1.0	1.0	.1								2.4	5.8
ENE	.2	.6	.2									1.1	5.4
E	.4	.6	.1									1.1	4.1
ESE		.2										.2	4.5
SE	.1	.4										.5	4.3
SSE	.7	.6	.1									1.4	4.0
S	1.3	1.4	1.7	.4								4.8	5.7
SSW	1.7	4.4	2.2	.4								8.6	5.6
SW	3.0	6.0	3.5	.5								12.9	5.5
WSW	2.5	2.9	1.0	.5	.1							6.9	5.1
W	1.0	2.0	3.0									6.0	6.1
WNW	1.7	2.3	1.7	.6								6.2	5.9
NW	1.7	2.0	2.6	.8								7.2	6.8
NNW	1.4	4.1	3.5	.4								9.3	5.9
VARBL													
CALM												22.1	
	19.5	32.5	22.1	3.7	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

14372

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.5	3.5	1.0								8.5	6.6
NNE	1.0	1.4	1.7	.4								4.4	6.8
NE	.5	1.0	1.8	.5								3.7	7.4
ENE	.5	1.9	1.7	.4								4.4	7.0
E	1.0	2.4	2.0									5.4	5.8
ESE	.7	1.0	.6									2.3	5.1
SE	.1	.8	.1									1.1	4.7
SSE	.5	1.7	.6									2.7	5.1
S	1.8	3.6	3.9	.6								9.9	6.4
SSW	1.0	3.2	4.5	1.6								10.3	7.5
SW	1.2	2.7	4.2	.8	.2							9.2	7.2
WSW	.8	2.7	3.2	1.2	.2	.1						8.4	8.0
W	1.2	1.6	3.1	2.0								7.9	7.8
WNW	.7	1.7	2.2	.6								5.1	7.4
NW	.1	2.2	1.8	2.3								6.3	8.9
NNW	.6	2.2	2.7	.2								5.7	6.7
VARBL													
CALM												4.7	
	13.1	32.5	37.6	11.5	.5	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	1.9	.4								3.9	7.2
NNE		1.0	1.8	.1								2.9	7.6
NE	.1	1.0	3.0	2.5								6.6	9.3
ENE	.2	2.3	5.9	.6								9.0	7.8
E	1.0	4.2	5.0	.2								10.4	6.6
ESE	.1	2.9	3.0									6.0	6.8
SE	.5	1.6	1.2									3.2	6.0
SSE	.5	1.6	3.3	.4								5.7	7.3
S	.8	2.9	5.5	3.8								13.0	8.7
SSW	.4	2.0	4.7	2.4								9.4	8.9
SW	.2	.6	3.1	2.0	.1							6.1	9.8
WSW	.1	.7	2.7	2.7	.4							6.7	10.6
W	.1	.7	1.8	2.2	.1							4.9	10.3
WNW	.1	.1	1.4	1.6								3.2	10.7
NW		.4	1.2	1.3								2.9	10.6
NNW	.1	.6	3.0	1.0								4.7	9.5
VARBL													
CALM												1.4	
	4.8	23.5	48.5	21.1	.6							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.7	2.2	1.0	.1							4.1	9.2
NNE	.1	.7	1.2	.4								2.4	7.9
NE	.2	1.0	4.1	1.9	.1							7.3	9.2
ENE	.2	2.2	4.8	.7								7.9	7.8
E	1.0	4.1	4.3	.2								9.6	6.5
ESE	1.2	3.6	3.2									8.0	6.0
SE	.5	2.0	2.7	.2								5.5	6.9
SSE	.8	2.2	3.9	.8								7.8	7.1
S	.5	1.8	9.1	5.3								16.6	9.5
SSW	.4	.7	2.5	2.3	.1							6.0	9.7
SW		.8	.7	1.8								3.3	10.5
WSW	.1	.6	3.0	1.4	.2							5.4	9.9
W	.4	1.1	1.7	1.6	.8							5.5	10.3
WNW		.2	1.2	1.4								2.9	10.5
NW	.1	.1	1.0	1.9								3.1	11.1
NNW	.1	.5	1.9	.6								3.1	8.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.7	
	5.7	22.2	47.4	21.8	1.9							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AM 64 8-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.0	2.4	.6								6.5	6.5
NNE	.7	1.7	1.0	.5								3.8	6.4
NE	.7	2.5	2.4	.8								6.5	6.9
ENE	1.3	3.0	1.4	.1								5.9	5.0
E	2.6	3.7	.8									7.2	4.4
ESE	1.9	2.0	.4									4.3	3.7
SE	1.3	2.3	1.1	.1								4.8	5.0
SSE	2.3	2.6	2.0	.1								7.0	4.9
S	2.7	6.0	5.3	.8								14.8	6.1
SSW	1.4	3.7	3.7	.6								9.4	6.4
SW	.7	.8	1.8	1.2								4.5	7.9
WSW	.6	1.1	1.3	.6	.1							3.7	7.5
W	.7	1.4	.6	1.1	.1	.1						4.1	8.3
WNW	.2	.5	.6	.6								1.9	7.8
NW	.5	.8	1.3	.6	.1							3.3	8.3
NNW	1.0	1.1	1.1	1.0								4.1	7.0
VARBL													
CALM												8.2	
	20.2	35.2	27.1	8.7	.4	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AWS 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.6	.7	.2								5.9	4.6
NNE	.6	.6	.1	.1								1.4	4.7
NE	.8	1.1	.2									2.2	4.2
ENE	.7	.4	.4									1.4	4.7
E	.4	.6	.5									1.4	5.2
ESE	.2	.1	.1									.5	4.0
SE	.5	.6	.1									1.2	4.5
SSE	1.3	.6	.7									2.6	4.0
S	2.3	2.4	1.9	.2								6.8	5.2
SSW	3.7	3.7	1.8	.2								9.4	4.7
SW	4.8	5.0	.8									10.6	3.7
WSW	3.5	2.4	.2									6.1	3.5
W	1.8	1.7	.4	.2								4.1	4.4
WNW	1.8	.8	.7	.5								3.8	5.3
NW	.4	2.0	1.0	.1								3.5	5.8
NNW	2.3	2.0	.7	.1								5.1	4.3
VARBL													
CALM												33.9	
	27.2	26.6	10.4	1.8								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	1.6	.5	.0							6.0	5.8
NNE	.5	.9	.8	.2	.0							2.5	6.3
NE	.4	1.0	1.6	.7	.0							3.8	7.7
ENE	.5	1.4	1.8	.2								3.9	6.8
E	.9	2.0	1.6	.1								4.5	5.8
ESE	.5	1.2	.9	.0								2.7	5.6
SE	.4	1.0	.7	.1								2.1	5.9
SSE	.8	1.2	1.4	.2								3.5	6.0
S	1.5	2.6	3.7	1.5								9.2	7.2
SSW	1.7	3.2	3.0	.9	.0							8.8	6.5
SW	2.4	3.0	2.2	.8	.0							8.6	5.8
WSW	1.7	1.6	1.5	.8	.1	.0						5.8	6.7
W	1.2	1.6	1.6	.9	.1	.0						5.4	7.1
WNW	1.1	1.2	1.2	.7								4.2	6.7
NW	.8	1.5	1.4	.9	.0							4.6	7.2
NNW	1.1	1.9	2.1	.4								5.6	6.4
VARBL													
CALM												18.7	
	17.1	27.6	27.1	9.0	.4	.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 6695

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.0	1.0									4.3	4.9
NNE	.4	.6	.2									1.2	4.6
NE	.1	.2	.2	.4								1.0	8.5
ENE	.4	.2	.2	.1								1.0	6.4
E	.6	.7	.1									1.4	3.8
ESE	.6	.5	.4									1.4	4.3
SE	.1	.4	.1	.1								.7	6.0
SSE	.2	1.0	.5									1.7	5.3
S	2.2	2.5	1.9	.1								6.7	5.0
SSW	3.8	2.9	1.6									8.2	4.2
SW	3.9	4.4	1.4									9.8	4.3
WSW	2.9	1.8	.5	.1								5.3	3.9
W	2.3	1.3	.5	.1								4.2	4.0
WNW	1.4	.7	1.0									3.1	4.5
NW	1.4	1.7	.7	.1								3.9	4.9
NNW	1.6	4.3	1.0	.2								7.0	5.2
VARBL													
CALM												39.1	
	23.2	25.2	11.2	1.3								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.0	.6									4.3	4.3
NNE	.5	.2	.2									1.0	4.5
NE		.2	.2	.1								.6	8.4
ENE	.1	.4	.7									1.2	6.6
E	.6	.7	.2									1.6	4.4
ESE	.2		.1									.4	3.7
SE	.1	.4	.1									.6	4.4
SSE	.1	.6	.6									1.3	6.5
S	1.8	2.2	.7	.8	.1	.1						5.7	6.3
SSW	3.9	3.9	1.4	.1								9.4	4.3
SW	4.3	3.2	1.7	.1								9.3	4.3
WSW	4.4	1.2	.7	.1								6.5	3.5
W	2.5	1.8	1.0	.2								5.5	4.3
WNW	2.4	1.4	.1									3.9	3.2
NW	1.9	1.4	1.8	.1								5.3	5.3
NNW	2.4	3.8	1.4									7.6	4.3
VARBL													
CALM												35.8	
	27.0	23.5	11.7	1.7	.1	.1						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.6	1.2									5.9	4.7
NNE	.4	.8	.1	.2								1.6	5.8
NE	.1	.1	.7	.1								1.1	8.2
ENE	.1	.5	.5									1.1	6.2
E	.4	.4	.1	.2								1.1	6.0
ESE	.5	.6										1.1	3.8
SE	.1	.1										.2	3.0
SSE	.5	.5	.6									1.6	5.1
S	1.7	2.9	.6	.8	.1	.1						6.2	6.0
SSW	2.6	5.5	2.3	.5	.1							11.0	5.5
SW	3.5	6.0	2.9	.2								12.5	5.1
WSW	1.6	2.2	1.6									5.3	4.9
W	2.6	2.0	1.2	.5								6.3	4.8
WNW	1.3	1.7	.7	.1								3.8	4.8
NW	1.8	2.7	2.0	.4								6.9	5.7
NNW	1.8	3.5	2.0	.2								7.5	5.6
VARBL													
CALM												26.9	
	20.9	32.0	16.5	3.3	.2	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	3.7	1.6	.5								7.6	5.7
NNE	1.3	1.2	1.9	.6								5.0	6.5
NE	.1	1.2	2.3	.6								4.2	8.2
ENE	.6	1.1	1.4	.4								3.5	6.6
E	.6	3.8	.7	.4								5.5	5.5
ESE	.7	1.8	.7									3.2	5.1
SE	.5	.6	.4									1.4	4.8
SSE	.6	1.0	.8	.2								2.6	6.0
S	2.0	2.2	3.7	1.3								9.2	6.9
SSW	1.8	3.6	7.4	1.9	.1							14.8	7.6
SW	1.2	2.6	3.8	1.1	.2							9.0	7.3
WSW	1.0	2.2	4.1	1.1								8.2	7.5
W	.7	2.3	2.3	1.2								6.5	7.3
WNW	.8	1.3	1.7	1.3								5.1	7.9
NW	.4	1.7	1.4	.4								3.8	6.7
NNW	.8	2.3	2.0	.6	.1							5.9	6.8
VARBL													
CALM												4.4	
	15.1	32.4	36.2	11.5	.5							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.3	1.4	.5	.1							3.6	7.8
NNE	.5	.7	1.2	.1								2.5	7.0
NE	.2	1.3	1.8	1.0								4.3	8.5
ENE	.1	2.3	4.5	.7								7.6	7.7
E	.6	5.6	6.7	.1								13.0	6.6
ESE	.2	4.1	1.8	.2								6.3	5.9
SE	.4	1.7	1.2	.1								3.3	6.4
SSE	.4	1.7	1.1	.1								3.2	6.5
S	.6	2.0	6.7	4.4	.1							13.9	9.4
SSW	.8	2.4	6.8	3.5	.1							13.6	9.1
SW	.5	1.1	4.1	2.0								7.6	8.9
WSW	.6	.2	3.5	1.6	.1							6.0	9.3
W	.2	.7	2.5	1.9	.1							5.5	9.6
WNW	.2	.5	.5	1.4	.1							2.7	10.1
NW	.2	.5	1.2	1.0								2.9	9.6
NNW	.4	1.0	1.1	.8	.1							3.3	8.2
VARBL													
CALM												.5	
	6.2	27.0	46.0	19.5	.8							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	1.0	.6								2.3	8.0
NNE	.5	.6	1.9	1.0								3.9	8.2
NE	.1	1.6	3.0	1.2								5.9	8.2
ENE	.4	2.0	4.1	1.0								7.4	7.8
E	1.4	4.3	5.7	.6								12.1	6.6
ESE	.7	3.6	2.4	.4								7.0	6.3
SE	.4	2.4	2.6	.1								5.5	6.6
SSE	.4	3.1	2.3	.4								6.1	6.6
S	1.0	2.5	7.8	4.5								15.8	9.0
SSW	.5	2.4	3.3	3.6	.5							10.3	9.5
SW	.4	.5	1.7	1.3	.2							4.1	9.4
WSW	.4	.4	1.3	2.3	.1							4.4	10.2
W	.4	.8	2.5	2.2	.1							6.0	9.7
WNW	.2	.5	.7	1.4	.2							3.1	10.0
NW	.1	.6	1.0	1.1	.4							3.1	10.7
NNW	.1	.7	.8	.4								2.0	7.6
VARBL													
CALM												1.1	
	6.9	26.5	42.1	21.9	1.6							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.0	1.3									5.4	4.6
NNE	1.2	2.6	2.2	.1								6.1	5.5
NE	.6	1.6	2.2	.1								4.4	6.6
ENE	.6	2.2	1.6	.2								4.5	6.2
E	3.1	3.8	.8	.2								8.0	4.3
ESE	2.2	2.0	.6									4.8	3.8
SE	1.6	2.5	1.9	.1								6.1	5.3
SSE	2.4	3.7	1.3									7.4	4.4
S	3.1	2.9	3.2	.7								9.9	5.7
SSW	1.3	3.3	3.7	.6	.1							9.1	6.8
SW	1.4	1.9	1.1	1.3								5.7	6.9
WSW	1.4	1.2	1.3	.6								4.5	5.7
W	1.0	1.1	1.4	.5								3.9	6.6
WNW	.5	.8	1.3	.7	.2							3.6	8.8
NW	1.1	1.2	1.0	.7								3.9	6.5
NNW	.7	.7	.4	.1								1.9	5.0
VARBL													
CALM												10.6	
	24.1	33.6	25.2	6.1	.4							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	1.9	.2	.2								5.6	3.7
NNE	1.2	.4	.7									2.3	4.6
NE	.8		.4									1.2	4.4
ENE	.2	.5	.2									1.0	5.3
E	.7	1.6	.6									2.9	4.9
ESE	.7	.4	.1	.1								1.3	4.5
SE	1.2	.6	.4									2.2	3.7
SSE	1.7	1.7	1.1									4.4	4.6
S	2.3	1.2	1.9	.4								5.7	5.6
SSW	2.8	2.0	1.6	.1								6.5	4.5
SW	4.7	3.6	1.3	.6								10.2	4.4
WSW	3.2	2.3	.5	.1								6.1	3.7
W	1.8	2.3	.1									4.2	3.5
WNW	1.3	.7	.6	.2								2.9	4.9
NW	2.4	1.2	.4	.4	.1							4.4	4.4
NNW	2.5	1.4		.2								4.2	3.6
VARBL													
CALM												35.0	
	30.7	21.7	10.0	2.4	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM AM 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.0	1.0	.2	.0							4.9	5.2
NNE	.7	.9	1.1	.3								2.9	6.2
NE	.3	.8	1.3	.4								2.8	7.8
ENE	.3	1.1	1.7	.3								3.4	7.1
E	1.0	2.6	1.9	.2								5.7	5.8
ESE	.7	1.6	.8	.1								3.2	5.2
SE	.5	1.1	.8	.1								2.5	5.6
SSE	.8	1.6	1.0	.1								3.5	5.5
S	1.8	2.3	3.3	1.6	.0	.0						9.1	7.3
SSW	2.2	3.3	3.5	1.3	.1							10.4	6.8
SW	2.5	2.9	2.2	.8	.1							8.5	5.9
WSW	1.9	1.4	1.7	.7	.0							5.8	6.1
W	1.4	1.5	1.4	.8	.0							5.3	6.4
WNW	1.0	1.0	.8	.7	.1							3.5	6.7
NW	1.2	1.4	1.2	.5	.1							4.3	6.4
NNW	1.3	2.2	1.1	.3	.0							4.9	5.5
VARBL													
CALM												19.2	
	19.3	27.7	28.9	8.5	.5	.0						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 6695

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.8	1.1									6.4	4.9
NNE	.4	.9	.5									1.7	5.3
NE	.1	.2	.1	.2	.1							.9	9.7
ENE		.5	.1	.6								1.2	9.9
E	.4	.7	.6	.4								2.1	7.0
ESE	.2	.2	.2									.7	6.2
SE	.4	.1	.1	.1								.7	6.3
SSE	.6	.7	.9									2.2	5.1
S	1.6	1.4	1.6	.2								4.8	5.6
SSW	1.6	2.7	3.2	.9								8.4	6.5
SW	3.5	4.0	2.3	.5								10.2	5.1
WSW	2.2	2.6	1.4	.1								6.3	4.7
W	1.9	2.1	1.5									5.4	4.9
WNW	1.5	1.7	1.1	.6								4.9	5.8
NW	1.1	1.6	2.3	.7								5.8	6.7
NNW	1.5	2.8	2.0									6.3	5.5
VARBL													
CALM												31.7	
	18.4	26.2	19.1	4.4	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.2	1.9	.4								6.0	5.5
NNE	.6	.5										1.1	3.2
NE	.1	.4	.2	.6	.1							1.5	10.5
ENE	.4	.1		.4								.9	8.1
E	.6	.6	.5	.6								2.3	7.4
ESE	.2	.4	.2									.9	4.7
SE	.4	.1	.4	.1								1.0	5.6
SSE	.5	.6	.1									1.2	4.2
S	1.1	1.1	1.0	.5	.1							3.8	6.7
SSW	2.1	3.6	3.3	.7								9.8	6.3
SW	3.1	4.1	3.3	.6								11.1	5.6
WSW	2.2	1.9	.4									4.4	3.9
W	2.7	2.7	1.6									7.0	4.4
WNW	1.2	2.1	.5	.5	.1							4.4	5.6
NW	2.7	2.0	2.2	.1								7.0	5.1
NNW	1.9	3.8	2.6									8.3	5.4
VARBL													
CALM												29.1	
	21.5	26.2	18.3	4.6	.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.0	2.5									6.3	5.7
NNE		.6	.2									.9	6.0
NE	.2		.2	.2	.1							.9	10.3
ENE	.2			.5	.2							1.0	12.3
E	.2	1.0	.5	.9								2.6	7.9
ESE	.4	.6	.4									1.4	4.9
SE	.1	.7	.1									1.0	5.4
SSE	.4	.5	.2									1.1	5.0
S	.6	2.1	.7	.5								4.0	6.3
SSW	2.0	3.8	4.0	.7								10.5	6.2
SW	4.0	4.7	4.4	.9								14.0	5.5
WSW	2.1	2.0	1.2	.2								5.6	5.1
W	3.5	2.6	1.5		.1							7.7	4.6
WNW	1.4	1.9	1.2	.4								4.8	5.6
NW	2.1	3.1	2.7	.6								8.5	6.0
NNW	1.9	4.0	2.3	.1	.1							8.4	5.6
VARBL													
CALM												21.6	
	19.9	30.5	22.3	5.1	.6							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	4.0	4.4	1.1								10.6	6.9
NNE	1.4	1.1	.9	.2								3.6	5.1
NE		.4	.7	.7	.5							2.3	12.5
ENE	.1	1.0	1.4									2.5	7.0
E	.5	1.0	2.0	.5								4.0	7.5
ESE		1.0	.7	.1								1.9	6.7
SE	.4	.4	.6									1.4	6.4
SSE	.5	.6	.9	.1								2.1	5.8
S	1.4	2.0	1.5	1.6								6.4	7.3
SSW	1.0	2.5	4.2	2.8	.5							11.0	8.7
SW	.1	2.0	5.6	2.1	.4							10.1	9.1
WSW	.7	1.9	3.2	1.4	.1							7.3	8.0
W	1.4	2.0	3.3	1.7								8.4	7.4
WNW	.9	1.0	2.3	2.0	.1							6.3	8.6
NW	.9	1.7	2.5	1.6	.4							7.0	8.4
NNW	1.5	1.6	4.8	1.1								9.0	7.2
VARBL													
CALM												6.2	
	11.7	24.0	39.0	17.2	2.0							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.0	3.1	.7								7.7	6.8
NNE	.4	1.1	2.1	.6								4.2	7.7
NE	.4	.4	1.6	1.2	.1							3.7	9.7
ENE	.2	1.9	2.3	.7								5.2	7.7
E	.6	3.7	3.2	1.2								8.8	7.1
ESE	.7	2.3	1.5									4.6	5.8
SE	.2	1.1	.6									2.0	5.4
SSE	.1	1.0	1.0	.4								2.5	7.4
S	.7	2.5	4.6	2.6	.1							10.5	8.6
SSW	.5	1.6	3.8	4.0	.4							10.2	10.0
SW	.4	.9	2.3	2.6	.4							6.5	10.4
WSW	.2	1.1	2.2	2.8	.6							7.0	11.1
W	.4	1.6	2.8	3.6	.2							8.6	9.8
WNW	1.0	1.1	1.2	2.5	.5							6.3	9.7
NW	.4	1.0	1.6	2.1	.1							5.2	9.7
NNW	.5	1.7	2.2	1.0								5.4	7.6
VARBL													
CALM												1.6	
	7.7	25.9	36.3	26.0	2.5							100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.4	2.3	.2								4.3	7.2
NNE	.7	.9	2.5	.6								4.7	7.1
NE	.5	1.2	2.6	2.3								6.7	9.0
ENE		1.5	3.0	1.2								5.7	8.5
E	2.0	3.6	3.8	.2								9.6	5.9
ESE	.9	2.3	1.2	.2								4.7	5.7
SE	.7	2.1	1.2									4.1	5.6
SSE	.9	1.4	2.0	.2								4.4	6.4
S	1.0	2.7	5.6	2.5								11.7	8.2
SSW	.7	1.6	4.1	2.6	1.0							10.0	9.6
SW	.2	1.0	1.9	2.0	.4							5.4	10.2
WSW	.2	1.2	1.6	2.8	.6							6.5	10.2
W	.4	.6	2.0	2.3	.2	.1						5.7	10.5
WNW	.2	.2	2.2	2.0	.1							4.8	10.7
NW	.6	1.0	2.6	2.2		.1						6.5	9.4
NNW	.2	1.0	1.7	1.1								4.1	8.3
VARBL													
CALM												1.0	
	9.8	23.7	40.2	22.7	2.3	.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	3.6	1.7	.1								8.5	4.7
NNE	1.1	2.0	1.7	.1								4.9	5.8
NE	.4	1.1	1.1	.7								3.3	7.2
ENE	.7	.9	1.7	.4								3.7	6.7
E	1.5	2.0	.6	.1								4.2	4.6
ESE	1.5	1.4	.2	.1								3.2	4.3
SE	1.6	1.4	.4									3.3	4.1
SSE	1.7	1.7	.5									4.0	4.2
S	2.6	3.8	2.1	.2								8.8	5.2
SSW	2.1	2.6	2.8	.6	.4							8.5	6.7
SW	2.2	2.8	1.6	.4								7.0	5.2
WSW	1.2	1.4	1.5	.5								4.6	6.2
W	1.1	2.3	1.2	.9								5.6	6.6
WNW	.9	1.6	2.7	.6								5.8	7.0
NW	.5	1.6	1.6	.7								4.4	7.3
NNW	1.5	.5	.4	.4								2.7	5.0
VARBL													
CALM												17.4	
	23.7	30.6	22.0	5.9	.4							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.6	3.2	1.0									7.8	4.1
NNE	.6	.5	1.0									2.1	6.4
NE	.2	.6	.4	.2								1.5	7.2
ENE	.1	.2	.5	.7								1.6	9.7
E	.5	.1	.5	.2								1.4	6.6
ESE	.1	.7										.9	4.3
SE	.4	.7	.1									1.2	4.6
SSE	1.2	.6	.5									2.3	4.1
S	1.6	1.5	1.6	.2								4.9	5.4
SSW	3.0	2.8	1.2	.9	.1							8.0	5.4
SW	2.6	5.3	1.1	.9								9.9	5.1
WSW	2.8	2.5	2.2	.1								7.7	5.1
W	2.0	2.6	1.0	.2								5.8	5.2
WNW	1.1	2.6	1.1	.4								5.2	5.9
NW	1.7	2.3	1.5	.2								5.8	5.4
NNW	1.7	2.8	.7	.1								5.4	4.5
VARBL													
CALM												28.5	
	23.3	29.3	14.4	4.3	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.0	2.3	.3								7.2	5.7
NNE	.6	.9	1.1	.2								2.9	6.2
NE	.2	.5	.9	.8	.1							2.6	9.3
ENE	.2	.8	1.1	.6	.0							2.7	8.2
E	.8	1.6	1.5	.5								4.4	6.6
ESE	.5	1.1	.6	.1								2.3	5.4
SE	.5	.8	.4	.0								1.8	5.3
SSE	.7	.9	.8	.1								2.5	5.4
S	1.3	2.1	2.3	1.0	.0							6.9	7.0
SSW	1.6	2.7	3.3	1.7	.3							9.6	7.5
SW	2.0	3.1	2.8	1.2	.1							9.3	6.7
WSW	1.5	1.8	1.7	1.0	.2							6.2	7.0
W	1.7	2.1	1.9	1.1	.1	.0						6.8	6.7
WNW	1.0	1.5	1.6	1.1	.1							5.3	7.5
NW	1.2	1.8	2.1	1.0	.1	.0						6.3	7.2
NNW	1.3	2.3	2.1	.5	.0							6.2	6.1
VARBL													
CALM												17.1	
	17.0	27.0	26.5	11.3	1.0	.0						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 6480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	4.1	1.2									7.0	4.7
NNE	.1	.1	.7	.4	.2							1.6	10.5
NE	.2	.2		.2								.7	6.8
ENE	.1	.1	.4	.6								1.2	10.7
E	.4	.8	.1	.7								2.0	7.6
ESE	.1	.5	.1									.7	5.0
SE	.6	.6	.5	.2								1.9	6.1
SSE	.5	.6	.4									1.4	4.6
S	1.2	2.3	3.1									6.6	6.3
SSW	1.3	2.4	1.9	2.4								8.0	7.5
SW	1.6	4.9	1.9	1.3								9.7	6.0
WSW	1.1	2.5	1.2	.7	.1							5.6	6.2
W	1.8	3.9	2.5	.2								8.5	5.8
WNW	1.1	1.9	2.4	1.3								6.7	7.4
NW	2.0	3.6	1.9	.6								8.1	5.7
NNW	1.3	3.1	1.3									5.7	5.1
VARBL													
CALM												24.5	
	15.2	31.7	19.6	8.7	.4							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.8	2.3	.2								5.3	6.6
NNE	.4		.2	.4	.2							1.2	10.6
NE		.1	.1	1.2								1.4	11.8
ENE	.1		.1	.2								.5	9.8
E	.8	.7	.5	.5								2.5	6.1
ESE	.2	.1		.4								.7	8.7
SE	.5	.2	.2	.2								1.2	6.5
SSE	.4	.8	.2									1.4	4.4
S	.5	1.6	2.5	.4								4.9	7.1
SSW	2.2	3.3	3.3	1.3								10.2	6.5
SW	3.1	4.7	2.7	1.1								11.6	5.8
WSW	1.6	2.7	1.1	.5								5.9	5.4
W	2.5	3.2	2.4	.2								8.4	5.2
WNW	1.3	2.9	1.4	.7								6.3	6.1
NW	1.7	3.0	1.2	.7								6.6	5.4
NNW	2.3	3.7	2.2	.2								8.4	5.3
VARBL													
CALM												23.7	
.	18.4	28.9	20.5	8.2	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	2.3	.1								4.9	6.0
NNE	.1	.2	.4	1.0								1.7	11.0
NE		.4	.4	.6	.2							1.6	10.8
ENE		.4	.4	.4								1.1	9.3
E	.6	.4	.6	.4								1.9	6.4
ESE	.4	.4	.6		.1							1.4	6.5
SE		.2	.1		.1							.5	10.3
SSE	.4	.6	.5	.1								1.6	6.1
S	1.6	1.8	2.5	1.1								6.9	6.8
SSW	2.4	3.9	3.0	1.4								10.8	6.4
SW	2.3	4.5	3.1	.6								10.5	5.7
WSW	2.0	2.6	1.8	.6								7.0	5.5
W	2.4	4.8	2.0	.5								9.7	5.3
WNW	1.4	3.0	1.4	.8								6.7	6.1
NW	1.2	1.8	2.5	.5								6.0	6.3
NNW	2.0	3.7	1.8	.2								7.8	5.2
VARBL													
CALM												20.1	
	17.7	30.2	23.3	8.2	.5							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.9	3.7	1.0								8.1	7.1
NNE	.5	.4	.5	1.2	.2							2.7	10.3
NE	.1	.1	.6	.4	.4							1.6	11.2
ENE	.2	1.0	1.2	.4								2.7	7.4
E		1.6	.8	.1	.2							2.7	8.0
ESE	.4	1.2	.6	.2								2.4	6.1
SE	.2	1.0	.6	.2								2.0	6.5
SSE	.5	.6	.6	.6								2.3	7.5
S	.7	.7	3.6	1.8	.5							7.3	9.6
SSW	1.1	3.9	6.0	3.2	.4							14.6	8.4
SW	.5	3.0	3.7	1.2								8.4	7.7
WSW	.2	1.8	3.2	2.7	.4							8.4	9.5
W	.4	1.8	2.9	2.5	.2							7.8	9.5
WNW	.8	1.4	3.0	1.6	.2	.1						7.2	8.4
NW	.8	2.5	3.5	1.9	.2	.1						9.1	8.6
NNW	.5	1.9	2.9	2.2								7.4	8.4
VARBL													
CALM												5.4	
	8.5	24.7	37.3	21.1	2.7	.2						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

1200-1400 (HOURS (L.S.T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	2.6	1.7								6.2	8.7
NNE	.1	.4	.6	1.1	.4							2.5	11.6
NE	.1	.6	1.4	.8	.2							3.2	10.1
ENE	.1	1.1	2.7	.2								4.2	7.4
E	.6	3.2	2.7	.6								7.2	6.7
ESE	.2	1.2	1.9	.2								3.6	6.9
SE	.2	1.0	.4	.4								1.9	6.6
SSE	.5	1.1	1.8	.7								4.1	7.7
S	.5	2.2	4.8	3.6	.2							11.2	9.3
SSW	.5	1.2	5.3	4.7	.4	.1						12.1	10.2
SW	.2	1.2	2.3	1.7	.5	.1						6.0	10.3
WSW	.5	.7	2.7	3.3	1.1	.1						8.5	11.5
W	.2	1.6	4.3	1.3	.5							7.9	9.2
WNW	.2	1.2	2.2	3.0	.4	.1						7.0	10.7
NW	.2	.7	3.0	2.0	.1							6.1	9.6
NNW	.6	1.2	3.8	1.4	.1							7.2	8.7
VARBL													
CALM												1.2	
	5.5	19.7	42.5	26.8	3.8	.5						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.4	4.2	.5								6.9	7.6
NNE	.2	.6	1.0	.8	.4							3.0	9.8
NE	.6	.8	1.9	1.4								4.8	8.5
ENE	.7	2.2	1.4	.5	.1							4.9	6.9
E	.8	3.9	2.6	.2								7.6	6.0
ESE	1.3	1.9	1.3	.2								4.8	5.3
SE	.2	1.4	1.3	.4								3.3	7.0
SSE	.6	1.4	1.8									3.8	6.7
S	1.1	2.5	7.0	3.7								14.3	8.8
SSW	.2	1.1	3.1	3.3								7.8	10.0
SW	.2	.8	1.0	2.0	.5							4.5	10.6
WSW	.1	.7	1.7	2.7	.4							5.6	11.0
W	.1	1.8	3.7	2.0	.2							7.9	9.3
WNW	.4	1.4	2.7	2.5	.6							7.6	10.0
NW	.4	.7	2.5	1.7	.1							5.4	9.6
NNW	.6	.7	2.5	1.9								5.7	8.6
VARBL													
CALM												1.9	
	8.5	23.5	39.8	24.0	2.3							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	3.2	1.2	.1								7.3	4.4
NNE	1.2	1.2	.7	.6								3.7	6.2
NE	1.2	1.3	.2	.1								2.9	4.2
ENE	.5	1.0	.1	.4	.4							2.3	8.1
E	1.6	1.2	.7		.1							3.6	4.9
ESE	.8	.8	.5									2.2	4.7
SE	1.2	1.0	.5	.4								3.0	5.4
SSE	1.1	1.7	1.1	.4								4.2	5.6
S	1.6	4.1	3.7	.8								10.2	6.6
SSW	1.0	2.4	3.3	1.2	.1							8.0	7.4
SW	1.2	1.1	1.7	.4	.1							4.4	6.6
WSW	1.0	1.7	1.2	1.1	.2							5.1	7.6
W	.8	3.7	2.2	1.4	.2	.1						8.5	7.5
WNW	1.1	2.3	2.3	1.2	.2							7.0	7.5
NW	1.4	1.7	2.0	.1								5.3	5.6
NNW	1.3	1.1	2.0	.1								4.5	5.9
VARBL													
CALM												17.9	
	19.6	29.3	23.4	8.2	1.4	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.4	.6	.1								5.3	4.3
NNE	.1	.4	.2	.6	.1							1.4	9.8
NE	.1	.1		.4	.2							.8	12.7
ENE	.4	.2		.2	.2							1.1	9.2
E	.8	.6	.5	.2								2.2	5.6
ESE	.4	.5	.5									1.3	4.9
SE	.5	.6	.2	.1								1.4	5.0
SSE	.7	1.7	.5	.6								3.5	6.2
S	1.2	2.5	3.6	1.4								8.7	7.1
SSW	1.1	2.0	3.0	1.8	.4							8.2	8.3
SW	2.7	2.9	1.1	1.2								7.9	5.5
WSW	1.6	2.3	2.0	.8	.4							7.0	7.0
W	1.7	4.4	2.0	1.7								9.8	6.5
WNW	1.9	2.0	1.9	1.0								6.8	6.2
NW	1.3	2.3	1.4	.2								5.3	5.3
NNW	1.7	4.2	1.6	.2								7.6	5.2
VARBL													
CALM												21.6	
	18.3	29.0	19.1	10.6	1.3							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.2	2.3	.5								6.4	6.2
NNE	.3	.4	.5	.7	.2							2.2	9.6
NE	.3	.5	.6	.6	.1							2.1	9.0
ENE	.3	.7	.8	.4	.1							2.2	7.9
E	.7	1.6	1.1	.3	.0							3.7	6.3
ESE	.5	.8	.7	.1	.0							2.1	5.9
SE	.4	.7	.5	.2	.0							1.9	6.3
SSE	.6	1.1	.9	.3								2.8	6.3
S	1.0	2.2	3.9	1.6	.1							8.8	7.9
SSW	1.2	2.5	3.6	2.4	.1	.0						9.9	8.1
SW	1.5	2.9	2.2	1.2	.1	.0						7.9	6.9
WSW	1.0	1.9	1.9	1.6	.3	.0						6.6	8.1
W	1.2	3.2	2.7	1.2	.1	.0						8.5	7.2
WNW	1.0	2.0	2.2	1.5	.2	.0						6.9	7.9
NW	1.1	2.0	2.3	1.0	.1	.0						6.5	7.1
NNW	1.3	2.4	2.3	.8	.0							6.8	6.5
VARBL													
CALM												14.5	
	13.9	27.1	28.2	14.5	1.6	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 6696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.1	1.7	.4								4.7	6.5
NNE	.4	.1	.7	.1								1.4	6.9
NE			.4									.4	7.3
ENE	.9	.2	.2	.5	.1							2.0	7.1
E	.2	.1	.5	.2								1.1	8.0
ESE	.2	.4	.5									1.1	6.0
SE	.1	.9	1.1									2.1	6.9
SSE	.2	.6	.4									1.2	5.6
S	.6	1.7	1.9	.7								4.9	6.8
SSW	2.6	3.1	3.5	2.5	.1							11.7	7.2
SW	2.1	5.8	3.7	2.1	.1							13.8	6.8
WSW	1.5	3.8	3.2	1.5	.5							10.5	7.4
W	2.2	4.1	2.3	.7								9.4	5.9
WNW	1.2	1.5	1.7	.5	.1							5.1	6.7
NW	1.2	2.6	2.3	.7								6.9	6.6
NNW	1.7	2.2	1.7	1.4	.1							7.2	6.8
VARBL													
CALM												16.5	
	15.8	29.3	25.9	11.4	1.1							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.0	1.1	.4								4.3	6.0
NNE	.4	.4	.7	.1								1.6	6.5
NE	.1		.7	.1	.1	.1						1.2	10.5
ENE	.2	.1	.9	.1								1.4	7.7
E	.4	.6	.6	.1								1.7	6.6
ESE	.5	.2	.5	.2								1.5	6.3
SE	.1	.1	.5	.5								1.2	9.5
SSE	.5	.1	1.0	.1								1.7	7.2
S	1.6	2.1	2.2	.4								6.3	6.1
SSW	1.9	3.6	3.0	1.6	.2							10.2	7.0
SW	2.5	5.4	4.8	1.0	.2							14.0	6.5
WSW	2.1	3.5	2.0	.7	.2							8.5	6.3
W	2.0	4.0	4.0	1.2	.1							11.2	6.7
WNW	.9	2.3	1.5	.9								5.6	6.6
NW	1.6	1.5	1.9	.2								5.2	5.8
NNW	1.5	3.3	2.1	1.0								7.9	6.3
VARBL													
CALM												16.4	
	17.0	29.3	27.4	8.8	1.0	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) | HURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.0	1.7	.4								4.6	6.6
NNE	.4	.2	.5	.1	.1							1.4	7.9
NE		.5	.7	.6								1.9	8.9
ENE	.1	.4	.9	.2								1.6	8.3
E	.4	.6	.5	.2								1.7	6.6
ESE	.6	.1	.4	.2								1.4	6.5
SE	.1	.4	1.1	.1								1.7	7.5
SSE	.5	.6	.4	.2								1.7	6.3
S	1.4	1.7	1.7	1.1	.1							6.1	7.4
SSW	1.7	4.9	2.2	.7	.4							10.0	6.5
SW	3.2	5.7	3.3	1.1		.1						13.5	6.2
WSW	2.0	3.6	3.5	1.6								10.6	6.6
W	2.8	2.6	2.7	2.1	.2							10.5	7.1
WNW	2.0	1.7	.7									4.4	4.1
NW	1.2	2.1	1.6	.7								5.7	6.6
NNW	1.2	3.2	1.7	.9								7.0	6.2
VARBL													
CALM												16.2	
	18.2	30.4	23.7	10.5	.9	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 809

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	2.7	1.4								5.8	8.3
NNE	.1	.5	.5	.6	.1							1.9	9.5
NE		.4	.9	.4								1.6	9.7
ENE	.4	.4	.7	.2								1.7	7.3
E	.2	.2	1.2	.4								2.1	8.1
ESE	.2	.6	.2									1.1	4.8
SE	.5	.1	1.1	.5								2.2	8.7
SSE		.4	.9	.2								1.5	8.1
S	1.2	2.3	.9	1.1	.5	.2						6.3	8.1
SSW	1.1	4.1	3.8	1.9	1.0	.1	.1					12.1	8.7
SW	.7	4.9	4.4	1.6	.2	.1						12.1	7.7
WSW	1.6	3.8	3.8	3.1	.2							12.6	8.0
W	1.7	1.9	4.8	3.8	.2	.1						12.6	8.9
WNW	.9	1.2	1.6	.6	.1							4.4	7.5
NW	.5	2.3	1.7	1.2	.1							5.9	7.6
NNW	1.2	2.1	2.1	2.0	.2							7.7	7.9
VARBL													
CALM												8.4	
	11.0	26.5	31.5	19.0	2.8	.6	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.7	2.3	1.9								6.4	8.2
NNE		.4	1.6	.4								2.3	8.5
NE	.1	.2	1.1	.5								2.0	8.9
ENE	.6	.9	.6	.4								2.5	6.3
E	.6	1.9	.9	.4								3.7	5.8
ESE	.2	1.2	.4									1.9	4.6
SE	.4	.5	1.2	.2								2.3	7.4
SSE		.1	1.6	.5								2.2	9.8
S	1.0	2.8	3.1	1.5	.4							8.8	7.7
SSW	.4	1.5	4.6	2.6	.7	.4	.1					10.2	10.7
SW	.4	1.7	4.1	3.2	.4		.1					9.9	10.0
WSW	.9	1.5	4.0	5.6	.6		.1					12.6	10.5
W	.5	1.9	4.7	4.0	.6							11.6	10.1
WNW	.7	1.7	2.5	1.9	.5							7.3	8.9
NW	.7	.9	2.6	2.3	.7							7.3	10.1
NNW	.9	1.9	2.0	2.2								6.9	8.6
VARBL													
CALM												2.1	
	7.9	20.7	37.2	27.4	4.0	.4	.4					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	2.5	1.4	.1							6.3	8.0
NNE	.2	.5	1.7	.4								2.8	8.0
NE	.2	.5	1.7									2.5	6.9
ENE	.7	1.0	.6									2.3	5.3
E	1.9	1.1	1.0	.2								4.2	5.0
ESE	1.0	.5	.7									2.2	5.1
SE	.5	1.6	1.1									3.2	5.8
SSE	.9	1.6	1.5	.2								4.2	6.1
S	1.2	3.7	3.6	2.5								11.0	7.4
SSW	.6	2.8	3.2	1.5	.9	.1						9.1	9.1
SW	.6	1.2	3.3	1.7	.4							7.3	9.2
WSW	.9	2.3	3.2	3.8	.5	.2						11.0	9.8
W	.9	3.1	4.3	2.5	.6	.1						11.5	9.0
WNW	.6	1.2	2.6	2.7	.2							7.4	9.3
NW	.4	1.4	2.5	2.1								6.3	8.9
NNW	1.4	1.1	2.5	1.1								6.1	7.5
VARBL													
CALM												2.5	
	12.7	25.3	36.1	20.1	2.7	.5						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 809

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.2	2.6	.7	.4							8.6	6.5
NNE	.6	.2	.7									1.6	5.3
NE	.4	.9	.7	.4								2.3	6.8
ENE	.1	.7	.9									1.7	7.1
E	.6		.7	.1								1.5	6.1
ESE	.1	.6	.5									1.2	6.0
SE	.7	.4	1.2	.1								2.5	6.5
SSE	.5	.5	1.7									2.7	6.6
S	2.0	2.7	1.9	.7	.1							7.4	6.1
SSW	2.5	3.8	3.0	1.9	.2							11.4	6.9
SW	2.0	3.6	3.0	1.9	.9	.2						11.5	8.2
WSW	1.9	2.8	1.9	2.2		.1						8.9	7.7
W	1.2	2.0	3.7	.6	.1	.1	.1					7.9	7.9
WNW	1.4	1.6	1.4	1.2	.1							5.7	7.1
NW	.7	1.9	2.1	.9								5.6	7.4
NNW	1.5	1.9	2.1	.7								6.2	6.5
VARBL													
CALM												13.3	
	18.9	25.8	28.0	11.5	1.9	.5	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.2	2.0	.9	.1							6.4	7.1
NNE	.2	.2	.4	.1								1.0	6.3
NE		.2	.2	.1								.6	7.4
ENE	.6	.7	.2	.7	.1							2.5	7.4
E	.7		.6	.1								1.5	5.9
ESE	.4	.2	.6									1.2	5.6
SE	.5		1.4									1.9	6.4
SSE	.1	.7	1.0									1.9	6.6
S	1.2	1.7	1.7	.7	.1							5.6	6.9
SSW	2.1	2.3	3.0	2.5	.5	.1						10.5	8.2
SW	3.2	4.3	3.2	2.2	.5	.1						13.6	7.0
WSW	2.2	3.0	4.1	2.3	.6							12.2	7.9
W	1.9	4.4	2.8	.4	.1							9.6	6.0
WNW	.9	1.5	.5	.7								3.6	6.3
NW	1.0	1.0	1.9	.7								4.6	7.2
NNW	1.2	1.7	2.8	1.4								7.2	7.4
VARBL													
CALM												16.3	
	17.5	29.4	26.4	13.0	2.1	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM AWS 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.9	2.1	.9	.1							5.9	7.2
NNE	.3	.3	.9	.2	.0							1.7	7.5
NE	.1	.3	.8	.3	.0	.0						1.6	8.3
ENE	.5	.6	.6	.3	.0							2.0	7.0
E	.6	.6	.8	.2								2.2	6.2
ESE	.4	.5	.5	.1								1.5	5.5
SE	.4	.5	1.1	.2								2.1	7.1
SSE	.3	.6	1.0	.2								2.1	7.0
S	1.3	2.4	2.1	1.1	.2	.0						7.0	7.1
SSW	1.6	3.3	3.3	1.9	.5	.1	.0					10.7	8.0
SW	1.8	4.1	3.7	1.9	.3	.1	.0					11.9	7.5
WSW	1.6	3.0	3.2	2.6	.3	.0	.0					10.9	8.1
W	1.7	3.0	3.7	1.9	.3	.0	.0					10.5	7.8
WNW	1.1	1.6	1.6	1.1	.1							5.4	7.3
NW	.9	1.7	2.1	1.1	.1							5.9	7.6
NNW	1.3	2.2	2.1	1.3	.0							7.0	7.1
VARBL													
CALM												11.5	
	14.9	26.5	29.5	15.2	2.1	.3	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 6478

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.8	3.6	.7								6.7	7.1
NNE		.1	.1	.4	.2							.8	13.4
NE		.2	.4	.1								.7	8.2
ENE	.1	.6	.6	.5								1.8	8.3
E	.1	.1	1.2	.2								1.7	8.8
ESE	.2	.1	.6	.1								1.1	7.6
SE	.7	.7	.8	.1								2.4	5.8
SSE	.5	.6	.6									1.7	5.8
S	1.2	2.5	2.2	.6								6.5	6.5
SSW	1.4	4.2	5.0	1.2	.2							12.1	7.3
SW	4.2	5.4	3.9	1.7	.5							15.7	6.4
WSW	1.4	1.8	5.1	1.7								10.0	7.8
W	2.0	2.7	2.4	1.2	.2							8.6	6.9
WNW	.6	1.6	1.0	.2	.1	.1						3.6	7.0
NW	1.2	1.3	2.3	1.4	.4							6.6	8.1
NNW	1.2	3.5	2.6	1.1								8.4	6.6
VARBL													
CALM												11.8	
	15.5	27.2	32.4	11.2	1.7	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.8	3.9	1.3								7.5	8.1
NNE	.1	.2	.2	.5								1.1	9.7
NE	.1	.4	.4	.4	.1							1.3	9.1
ENE	.1	.4	1.6	.1								2.2	8.4
E	.2	.4	1.1	.8								2.5	9.0
ESE		.5	.1		.1							.7	7.7
SE	.6	.6	1.0	.1								2.3	6.2
SSE	.5	.7	1.0	.1								2.3	6.4
S	1.2	1.7	2.3	.6								5.7	6.6
SSW	3.0	3.1	4.8	2.4	.1							13.4	7.2
SW	2.9	6.8	2.3	1.8	.2	.1						14.1	6.3
WSW	1.4	2.0	3.3	1.6	.1	.1						8.6	7.8
W	2.2	2.2	3.1	1.2	.2							8.8	6.9
WNW	1.3	1.9	1.3	.1								4.7	5.4
NW	1.2	1.9	1.8	1.0	.2							6.1	7.1
NNW	.7	1.4	2.3	1.4								5.9	7.9
VARBL													
CALM												12.9	
	16.0	25.9	30.3	13.4	1.2	.2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	4.2	1.2	.4							8.1	8.6
NNE	.1	.5	.5	.6	.2							1.9	9.8
NE			.2	.4								.6	11.4
ENE		.1	.7	.6								1.4	10.3
E		.4	.6	1.0	.1							2.0	10.4
ESE	.4	.4	.6	.4								1.7	7.8
SE	.2	.5	.8	.2								1.8	7.6
SSE	.4	.2	1.2	.2								2.0	7.4
S	1.2	1.4	2.4	1.0								6.0	7.2
SSW	1.7	4.5	3.5	2.5	.2							12.4	7.5
SW	2.9	4.9	3.0	2.3	.2							13.3	6.7
WSW	1.3	3.2	3.5	2.3	.1	.1						10.5	7.8
W	1.6	2.6	2.6	.1								6.9	5.9
WNW	1.0	1.9	1.7	.2	.1							4.9	6.2
NW	1.4	2.5	2.3	.6	.2							7.0	6.6
NNW	1.3	2.0	1.9	1.2								6.5	7.0
VARBL													
CALM												12.9	
	14.1	26.9	29.6	14.7	1.7	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.3	3.6	2.6	.2							9.3	8.4
NNE	.4	.1	.5	.8	.1	.1						2.0	10.5
NE		.1	.6	.2								1.0	10.1
ENE		.1	.5	.6	.2							1.4	11.8
E			1.0	1.0	.1							2.0	11.5
ESE		.2	1.1	.1								1.4	8.0
SE		.4	1.2									1.6	7.3
SSE	.5	.8	.8	.4								2.5	6.9
S	.6	1.6	1.7	1.7	.1							5.6	8.4
SSW	1.3	3.1	2.6	4.5	.8	.2						12.7	9.8
SW	2.6	5.4	4.9	2.2	.8	.1						16.0	7.5
WSW	.7	1.9	4.1	1.9	.4							9.0	8.5
W	.7	2.3	3.1	1.0	.1							7.2	7.7
WNW	1.1	1.8	2.0	1.1								6.0	6.9
NW	1.0	1.4	1.7	1.6	.1							5.7	8.1
NNW	1.1	2.2	3.1	1.3	.3							8.1	8.4
VARBL													
CALM												8.5	
	11.5	22.7	32.4	20.9	3.6	.5						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.6	3.6	2.7	.6	.1						10.5	8.9
NNE	.1	.1	.2	1.7	.2							2.4	12.3
NE	.1	.4	.1	.4	.1	.1						1.2	10.5
ENE	.5	.7	.8	.6	.4							3.0	9.2
E	.4	.4	.8	.4	.1							2.0	8.2
ESE	.4	.5	.6	.1								1.6	6.5
SE		.6	.6	.1								1.3	7.6
SSE	.5	1.0	.7									2.2	5.6
S	.7	1.4	3.2	2.0	.1							7.5	8.4
SSW	.2	2.6	4.3	3.7	1.2							12.1	10.0
SW	1.0	3.2	4.1	3.6	.7	.4						12.9	9.6
WSW	.6	1.8	3.0	2.4	1.1							8.8	10.2
W	.8	1.6	3.8	3.8	.5							10.5	9.8
WNW	.5	1.7	2.3	1.7		.1						6.2	8.7
NW	.4	2.0	2.0	1.3	.2							6.0	8.6
NNW	.7	2.0	3.2	1.4	.2							7.6	8.4
VARBL													
CALM												4.2	
	8.7	21.5	33.5	25.9	5.5	.7						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.0	4.7	2.4								9.9	8.2
NNE	.5	.1	.4	.6	.5							2.0	10.5
NE	.4	.7	.2	.2		.4						1.9	9.0
ENE	.7	.7	.6	.2	.5							2.7	8.1
E	.5	.7	1.1	.1								2.4	6.3
ESE	.6	.4	1.1									2.0	6.4
SE	1.1	1.0	.6	.2								2.9	5.4
SSE	1.2	1.0	1.2	.2								3.6	5.6
S	.7	2.9	3.5	1.0	.4							8.4	7.6
SSW	1.7	2.3	3.2	3.2	.5							10.9	8.8
SW	1.8	1.4	2.2	2.9	1.0	.2						9.4	9.6
WSW	.6	2.6	2.4	1.8	.8							8.2	9.1
W	.7	3.3	5.3	2.9	.7							12.9	9.0
WNW	.6	1.4	2.7	.6		.2						5.6	8.3
NW	.7	1.6	1.7	1.2								5.1	7.6
NNW	.6	1.4	3.2	1.3	.1	.1						6.8	8.7
VARBL													
CALM												5.1	
	13.1	23.5	33.9	18.9	4.4	1.0						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.4	3.5	.8	.1							8.5	6.8
NNE		.2	.1	.1	.2							.7	11.5
NE	.1	.2	.6	.2	.5	.1						1.8	11.7
ENE	.1		.5	.1								.7	8.5
E	.1	.4	1.2	.6								2.3	8.4
ESE		.6	.4	.2	.1							1.3	8.7
SE	.5	1.1	.7	.1								2.4	6.0
SSE	1.0	1.1	1.2	.2								3.5	5.8
S	1.7	2.4	2.6	1.1	.2							8.0	6.8
SSW	1.3	3.1	3.6	2.6	.8							11.5	8.7
SW	2.8	2.4	4.0	1.3	.1							10.5	6.8
WSW	2.3	3.1	3.0	1.6	.1							10.1	6.9
W	1.7	2.6	3.4	1.2	.4							9.2	7.3
WNW	1.1	1.4	1.1	.4	.1	.1						4.2	6.9
NW	.4	1.8	2.0	.7	.4							5.3	8.4
NNW	.8	1.3	3.2	1.2		.1						6.7	8.1
VARBL													
CALM												13.3	
	15.4	24.2	31.0	12.6	3.1	.4						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 835

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.6	2.9	1.0								6.5	7.0
NNE			.5	.8	.2							1.6	12.7
NE			.1	.4								.5	12.0
ENE		.6	.5	.2	.1							1.4	9.0
E	.2	.8	1.2	.1								2.4	6.7
ESE	.1	.6	.6									1.3	6.3
SE	.4	.7	.5	.1								1.7	6.5
SSE	.6	.5	1.4	.7								3.2	7.4
S	1.7	2.0	2.5	.6								6.8	6.5
SSW	1.8	2.4	4.8	2.4	.8							12.2	8.8
SW	3.4	3.5	3.8	1.7	.2							12.6	6.7
WSW	1.8	3.1	3.4	1.4	.2							10.0	7.3
W	1.4	2.9	3.0	1.6								8.9	7.2
WNW	.7	2.4	1.7	.6	.1							5.5	7.0
NW	1.2	2.0	2.2	1.4	.1	.1						7.1	7.8
NNW	.7	3.0	2.5	.6	.1							7.0	6.9
VARBL													
CALM												11.3	
	15.1	26.2	31.6	13.7	2.0	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 833

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.8	3.7	1.6	.2	.0						8.4	8.0
NNE	.1	.2	.3	.7	.2	.0						1.6	11.2
NE	.1	.3	.3	.3	.1	.1						1.1	10.1
ENE	.2	.4	.7	.4	.1							1.8	9.1
E	.2	.4	1.0	.5	.0							2.2	8.6
ESE	.2	.4	.6	.1	.0							1.4	7.3
SE	.4	.7	.8	.1								2.0	6.4
SSE	.6	.7	1.0	.2								2.6	6.3
S	1.1	2.0	2.5	1.1	.1							6.8	7.3
SSW	1.6	3.2	4.0	2.8	.6	.0						12.2	8.5
SW	2.7	4.1	3.5	2.2	.5	.1						13.1	7.4
WSW	1.3	2.5	3.5	1.8	.4	.0						9.4	8.1
W	1.4	2.5	3.3	1.6	.3							9.1	7.8
WNW	.9	1.8	1.7	.6	.1	.1						5.1	7.1
NW	.9	1.8	2.0	1.2	.2	.0						6.1	7.8
NNW	.9	2.1	2.8	1.2	.1	.0						7.1	7.7
VARBL													
CALM												10.0	
	13.7	24.8	31.8	16.4	2.9	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 6690

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.2	2.3	.9	.1	.0	.0					6.9	6.8
NNE	.5	.7	1.0	.7	.1	.0						2.9	8.2
NE	.4	.8	1.1	.9	.1	.0						3.3	8.7
ENE	.5	1.2	1.5	.6	.1	.0						3.8	7.5
E	.8	1.6	1.6	.4	.0	.0						4.4	6.4
ESE	.5	1.1	1.0	.1	.0							2.7	5.9
SE	.5	.8	.7	.1	.0							2.2	6.0
SSE	.6	.9	1.0	.2	.0							2.7	6.3
S	1.2	2.0	2.9	1.5	.1	.0						7.6	7.7
SSW	1.4	2.6	3.2	1.9	.3	.0	.0					9.4	7.9
SW	1.9	2.8	2.4	1.3	.2	.1	.0	.0				8.8	7.1
WSW	1.4	1.8	2.0	1.4	.3	.0	.0	.0				6.8	7.7
W	1.3	2.0	2.3	1.5	.2	.0	.0	.0				7.3	7.7
WNW	.9	1.4	1.5	1.1	.1	.0	.0	.0				5.0	7.9
NW	.9	1.6	1.9	1.3	.2	.0	.0					5.9	8.0
NNW	1.1	2.0	2.1	.9	.1	.0	.0					6.3	7.2
VARBL													
CALM												14.0	
	15.1	25.5	28.4	14.8	1.8	.3	.0	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 78867

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) ALL (MONTH)

INSTRUMENT (CLASS) ALL (HOURS (L.S.T.))

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, (CONDITION)

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	3.3	4.6	2.4	.1							12.2	7.6
NNE	.7	1.4	2.3	1.7	.4	.0						6.6	9.1
NE	.5	1.3	2.2	1.7	.2	.1						6.0	9.1
ENE	.9	1.7	1.7	1.4	.2							5.9	8.1
E	1.0	1.8	2.1	1.1	.1							6.0	7.5
ESE	.7	1.2	1.2	.3	.0							3.4	6.2
SE	.8	1.2	1.2	.3	.0							3.5	6.2
SSE	.9	1.3	1.4	.4	.1							4.1	6.6
S	1.3	2.7	3.2	1.4	.1							8.7	7.3
SSW	1.3	2.4	3.7	1.6	.1	.0						9.1	7.7
SW	1.2	2.0	2.0	.7	.1	.1						6.2	7.0
WSW	.7	1.0	.7	.6	.1	.0	.0	.0				3.2	7.3
W	.7	.8	.7	.5	.2	.0						3.0	7.3
WNW	.5	.6	.5	.3	.1	.1						2.0	7.6
NW	.6	.8	1.5	.7	.2	.1	.0					3.9	8.5
NNW	1.0	1.6	2.1	1.1	.1	.0						5.9	7.7
VARBL													
CALM												10.4	
	14.7	25.0	31.2	16.3	2.1	.4	.0	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 9750

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6%. Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	23.4	33.6	34.1	34.5	34.8	35.0	35.0	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.2
≥ 20000	24.1	34.9	35.4	35.8	36.1	36.3	36.4	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7
≥ 18000	24.3	35.0	35.5	36.0	36.2	36.4	36.6	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8
≥ 16000	24.3	35.0	35.5	36.0	36.2	36.4	36.6	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8
≥ 14000	24.5	35.4	35.8	36.3	36.6	36.8	36.9	37.0	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2
≥ 12000	24.6	35.5	36.0	36.4	36.7	36.9	37.0	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3
≥ 10000	25.3	37.2	37.6	38.1	38.4	38.6	38.7	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9
≥ 9000	26.0	38.0	38.5	38.9	39.2	39.4	39.5	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8
≥ 8000	27.5	41.1	41.7	42.2	42.4	42.7	43.0	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2
≥ 7000	27.7	41.7	42.3	42.8	43.0	43.2	43.6	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8
≥ 6000	28.4	43.6	44.0	44.4	44.7	44.9	45.3	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5
≥ 5000	28.9	44.7	45.6	46.1	46.4	46.6	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2
≥ 4500	29.2	45.5	46.5	47.0	47.2	47.4	47.8	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0
≥ 4000	30.5	49.3	50.5	51.0	51.4	51.6	52.0	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2
≥ 3500	31.9	51.4	52.7	53.2	53.5	53.8	54.1	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4
≥ 3000	35.6	58.7	60.5	61.1	61.8	62.2	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8
≥ 2500	37.9	63.4	65.2	65.9	67.3	67.7	68.2	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6
≥ 2000	40.6	69.2	71.7	73.0	74.7	75.3	76.5	76.9	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1800	40.8	69.8	72.3	73.8	75.3	75.9	77.1	77.5	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9
≥ 1500	42.1	73.1	75.9	77.7	79.7	80.5	81.8	82.3	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1200	42.8	74.9	77.7	79.9	82.0	82.8	84.2	84.7	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1000	43.2	76.7	79.8	82.1	84.2	85.1	86.6	87.1	87.3	87.5	87.8	87.8	87.8	87.8	87.8	87.8
≥ 900	43.5	77.5	80.8	83.2	85.5	86.4	87.9	88.6	89.0	89.1	89.5	89.5	89.5	89.5	89.5	89.5
≥ 800	43.5	78.4	81.6	84.1	86.7	87.7	89.7	90.9	91.2	91.4	92.0	92.0	92.0	92.0	92.0	92.0
≥ 700	43.5	78.5	81.7	84.6	87.3	88.4	90.6	91.8	92.1	92.5	93.2	93.2	93.2	93.2	93.2	93.2
≥ 600	43.6	78.9	82.1	85.1	88.2	89.2	91.4	92.6	93.1	93.9	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	43.6	78.9	82.1	85.1	88.2	89.2	91.4	92.8	93.5	94.1	94.9	94.9	94.9	94.9	94.9	94.9
≥ 400	43.6	79.0	82.2	85.3	88.6	89.7	91.9	93.3	94.1	94.7	95.6	95.6	95.6	95.6	95.6	95.6
≥ 300	43.6	79.1	82.3	85.4	88.9	90.0	92.2	94.0	95.6	96.3	97.3	97.6	97.7	97.7	97.7	97.7
≥ 200	43.6	79.1	82.3	85.4	88.9	90.0	92.4	94.3	95.9	97.0	98.3	98.7	98.9	98.9	99.0	99.0
≥ 100	43.6	79.1	82.3	85.4	88.9	90.0	92.4	94.3	95.9	97.0	98.3	98.7	99.0	99.0	99.3	99.3
≥ 0	43.6	79.1	82.3	85.4	88.9	90.0	92.4	94.3	95.9	97.0	98.3	98.7	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥0
NO CEILING	21.0	32.4	32.4	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 20000	21.9	33.3	33.3	33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 18000	22.1	33.6	33.6	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 16000	22.1	33.6	33.6	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 14000	22.1	33.9	33.9	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 12000	22.5	34.3	34.3	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 10000	23.5	35.5	35.5	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 9000	23.7	36.1	36.1	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 8000	24.5	37.0	37.0	37.5	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 7000	25.1	38.0	38.0	38.5	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 6000	25.6	39.9	39.9	40.4	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 5000	25.8	41.6	42.1	42.5	43.1	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 4500	25.9	42.3	42.8	43.2	43.8	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 4000	27.6	47.6	48.3	48.7	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 3500	28.7	49.6	50.4	50.9	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 3000	32.3	57.1	58.1	58.9	60.2	60.2	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 2500	34.1	61.2	62.6	63.9	65.5	65.5	65.7	65.9	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2
≥ 2000	35.6	65.8	68.2	70.3	72.9	72.9	73.4	73.6	73.7	73.8	74.0	74.0	74.1	74.1	74.1	74.1
≥ 1800	36.2	67.1	69.7	71.7	74.3	74.3	74.8	75.0	75.1	75.3	75.4	75.4	75.5	75.5	75.5	75.5
≥ 1500	37.3	71.4	74.2	76.7	79.5	79.5	80.4	80.6	80.8	81.0	81.1	81.1	81.2	81.2	81.2	81.2
≥ 1200	37.6	72.8	75.6	78.5	81.2	81.2	82.2	82.6	82.7	82.9	83.2	83.2	83.3	83.3	83.3	83.3
≥ 1000	38.1	74.6	77.8	80.9	83.8	84.1	85.7	86.1	86.4	86.6	86.9	86.9	87.1	87.1	87.1	87.1
≥ 900	38.7	76.0	79.2	82.4	85.4	86.0	87.6	88.3	88.5	88.8	89.0	89.0	89.2	89.2	89.2	89.2
≥ 800	39.1	76.5	79.7	83.0	86.1	86.9	88.4	89.4	89.8	90.1	90.3	90.3	90.6	90.6	90.6	90.6
≥ 700	39.1	76.5	79.7	83.6	87.1	87.8	89.6	90.8	91.6	92.0	92.2	92.2	92.5	92.5	92.5	92.5
≥ 600	39.1	76.5	79.8	84.0	87.6	88.4	90.6	91.8	92.7	93.2	93.4	93.4	93.7	93.7	93.7	93.7
≥ 500	39.1	76.6	80.4	84.6	88.6	89.5	91.6	93.0	94.0	94.6	95.0	95.0	95.2	95.3	95.3	95.3
≥ 400	39.1	76.7	80.5	84.8	89.4	90.2	92.6	93.9	95.0	95.6	95.9	96.4	96.7	96.8	96.8	96.8
≥ 300	39.1	76.7	80.5	84.8	89.4	90.2	92.6	94.4	95.7	96.3	96.7	97.1	97.4	97.5	97.5	97.5
≥ 200	39.1	76.7	80.5	84.8	89.4	90.2	92.6	94.6	95.9	96.9	97.6	98.1	98.4	98.6	98.7	98.7
≥ 100	39.1	76.7	80.5	84.8	89.4	90.2	92.6	94.6	95.9	96.9	97.7	98.2	98.7	98.8	99.0	99.0
0	39.1	76.7	80.5	84.8	89.4	90.2	92.6	94.6	95.9	96.9	97.7	98.2	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.8	33.6	33.9	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 20000	20.7	35.0	35.4	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 18000	20.8	35.2	35.6	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 16000	20.8	35.2	35.6	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 14000	20.8	35.2	35.6	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 12000	21.4	35.8	36.2	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 10000	22.2	36.8	37.2	37.5	37.6	37.6	37.6	38.0	38.0	38.1	38.0	38.0	38.0	38.0	38.0	38.0
≥ 9000	22.2	36.8	37.2	37.5	37.6	37.6	37.6	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 8000	23.1	37.6	38.0	38.4	38.5	38.5	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 7000	23.5	38.5	38.8	39.2	39.3	39.3	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 6000	23.7	38.7	39.1	39.4	39.5	39.5	39.5	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 5000	24.7	40.7	41.1	41.5	41.6	41.6	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 4500	25.3	41.8	42.2	42.7	42.8	42.8	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 4000	26.9	45.9	46.7	47.8	48.4	48.4	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 3500	27.2	47.3	47.9	49.3	49.9	49.9	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 3000	32.0	54.8	55.8	57.7	58.7	58.7	59.6	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 2500	33.8	58.8	60.1	62.2	63.7	63.7	64.8	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 2000	35.7	62.8	64.9	67.4	69.8	70.0	71.4	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1800	36.1	64.4	66.6	69.2	71.6	71.9	73.4	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1500	37.6	69.7	72.2	75.3	78.0	78.5	80.4	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1200	38.4	71.8	74.4	77.7	80.5	81.0	83.2	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1000	38.7	73.1	76.2	79.8	82.8	83.8	86.0	87.2	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 900	39.2	74.2	77.4	81.2	84.3	85.3	87.6	89.2	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	39.2	74.4	77.7	82.3	86.0	87.1	89.6	91.4	92.0	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	39.5	74.9	78.5	83.4	87.1	88.2	90.8	92.6	93.3	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	39.5	74.9	78.5	83.4	87.1	88.2	91.0	93.0	93.7	94.1	94.3	94.3	94.5	94.5	94.5	94.5
≥ 500	39.5	74.9	78.5	83.5	87.6	88.6	91.5	93.8	94.5	95.1	95.5	95.5	95.7	95.7	95.7	95.7
≥ 400	39.5	75.1	78.7	83.6	88.3	89.5	92.6	95.0	95.9	96.5	96.9	97.0	97.3	97.5	97.5	97.5
≥ 300	39.5	75.1	78.7	83.6	88.3	89.5	92.6	95.1	96.0	96.7	97.1	97.2	97.7	98.2	98.4	98.4
≥ 200	39.5	75.1	78.7	83.6	88.3	89.5	92.6	95.6	96.7	97.7	98.1	98.2	98.7	98.9	99.0	99.3
≥ 100	39.5	75.1	78.7	83.6	88.3	89.5	92.6	95.6	96.7	97.7	98.1	98.2	98.8	99.2	99.3	99.5
≥ 0	39.5	75.1	78.7	83.6	88.3	89.5	92.6	95.6	96.7	97.7	98.1	98.2	98.8	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	21.5	33.7	34.2	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5	34.5
≥ 20000	23.4	36.4	36.9	37.0	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3
≥ 18000	23.4	36.4	36.9	37.0	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3
≥ 16000	23.4	36.6	37.0	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.4	37.4
≥ 14000	23.7	36.9	37.4	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.8	37.8
≥ 12000	24.9	38.5	38.9	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3
≥ 10000	26.3	40.0	40.5	40.7	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0
≥ 9000	26.8	40.7	41.3	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8
≥ 8000	27.1	41.8	42.4	42.7	42.7	42.7	42.8	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.2	43.2
≥ 7000	27.6	42.8	43.5	43.7	43.7	43.7	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4
≥ 6000	27.8	43.6	44.1	44.3	44.3	44.3	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.0	45.0
≥ 5000	28.9	44.9	45.8	46.2	46.4	46.4	46.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1
≥ 4500	29.3	45.8	46.7	47.2	47.3	47.3	47.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.0
≥ 4000	30.2	48.4	50.3	51.1	51.6	51.6	52.2	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9
≥ 3500	30.7	49.9	52.1	52.9	53.4	53.4	54.5	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.2	55.2
≥ 3000	33.3	54.2	56.5	57.6	58.2	58.2	59.9	60.8	60.8	60.8	60.9	60.9	60.9	60.9	61.1	61.1
≥ 2500	34.5	57.0	59.6	60.9	62.1	62.4	64.2	65.2	65.4	65.4	65.6	65.6	65.6	65.6	65.7	65.7
≥ 2000	37.2	61.6	64.9	66.4	68.2	68.7	71.1	72.9	73.5	73.7	74.0	74.1	74.4	74.4	74.6	74.6
≥ 1800	37.6	63.1	66.3	68.0	69.8	70.3	72.6	74.4	75.0	75.3	75.5	75.6	76.0	76.0	76.1	76.1
≥ 1500	39.4	66.1	69.8	71.9	74.1	75.0	77.7	79.7	80.3	80.6	80.9	81.0	81.4	81.4	81.5	81.5
≥ 1200	40.4	68.0	72.0	74.6	76.8	77.8	80.4	82.7	83.3	83.6	83.9	84.0	84.5	84.5	84.7	84.7
≥ 1000	41.2	69.3	73.6	76.3	79.0	80.3	82.9	85.7	86.4	86.9	87.2	87.3	87.8	87.8	88.1	88.1
≥ 900	41.2	69.5	73.8	76.7	79.9	81.2	83.9	87.2	87.9	88.4	89.0	89.1	89.6	89.6	89.8	89.8
≥ 800	41.3	70.3	74.9	78.1	81.6	82.9	85.7	89.2	90.1	90.6	91.3	91.4	92.0	92.0	92.2	92.2
≥ 700	41.7	70.8	75.5	79.1	82.7	84.0	86.7	90.3	91.2	92.0	93.2	93.3	94.0	94.0	94.3	94.4
≥ 600	41.7	70.8	75.5	79.2	82.9	84.5	87.2	91.0	91.9	92.7	94.1	94.3	95.0	95.0	95.2	95.3
≥ 500	41.7	71.0	75.9	79.7	83.6	85.3	88.3	92.5	93.4	94.3	95.7	95.8	96.5	96.5	96.8	96.9
≥ 400	41.7	71.1	76.0	79.8	84.0	85.7	88.6	93.0	93.9	95.0	96.5	96.7	97.4	97.5	97.7	97.8
≥ 300	41.7	71.1	76.0	79.8	84.0	85.7	88.6	93.3	94.3	95.7	97.4	97.5	98.3	98.4	98.7	98.9
≥ 200	41.7	71.1	76.0	79.8	84.0	85.7	88.6	93.3	94.3	95.8	97.5	97.6	98.4	98.6	98.8	99.4
≥ 100	41.7	71.1	76.0	79.8	84.0	85.7	88.6	93.3	94.3	95.8	97.5	97.6	98.7	98.8	99.0	99.6
≥ 0	41.7	71.1	76.0	79.8	84.0	85.7	88.6	93.3	94.3	95.8	97.5	97.6	98.7	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM AA 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 7/8	≥2	≥1 1/2	≥1 1/4	≥1	≥7/8	≥3/4	≥5/8	≥5/16	≥1/4	≥0
NO CEILING	23.3	33.9	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 20000	25.1	36.6	36.7	36.8	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 18000	25.1	36.9	37.0	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 16000	25.1	36.9	37.0	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 14000	25.9	37.8	37.9	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 12000	26.6	38.6	38.8	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 10000	27.4	40.4	40.6	40.7	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 9000	27.8	41.2	41.5	41.6	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 8000	28.4	42.2	42.4	42.5	43.1	43.1	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 7000	28.6	42.7	42.9	43.0	43.6	43.6	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 6000	29.2	43.7	44.0	44.1	44.7	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 5000	29.4	44.8	45.0	45.3	45.9	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 4500	29.9	46.0	46.2	46.5	47.2	47.2	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 4000	31.5	49.1	49.7	50.3	51.4	51.4	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 3500	32.4	50.9	51.5	52.1	53.2	53.2	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 3000	34.8	56.4	57.1	58.1	59.6	59.6	60.3	60.9	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4
≥ 2500	37.4	62.1	63.4	64.8	66.4	66.5	67.3	68.1	68.1	68.6	69.1	69.1	69.1	69.1	69.1	69.1
≥ 2000	40.7	67.9	69.9	71.9	73.6	74.0	75.1	76.6	76.8	77.8	78.7	78.9	78.9	78.9	78.9	78.9
≥ 1800	41.0	68.7	70.7	73.0	74.7	75.0	76.2	77.7	77.9	78.9	79.8	79.9	79.9	79.9	79.9	79.9
≥ 1500	43.2	71.9	74.2	77.1	78.7	79.1	80.4	82.0	82.2	83.3	84.3	84.5	84.5	84.5	84.5	84.5
≥ 1200	44.0	73.6	76.1	79.2	81.0	81.5	83.4	84.9	85.7	86.7	87.9	88.1	88.1	88.1	88.1	88.1
≥ 1000	44.6	74.8	77.4	80.8	82.9	83.6	85.5	87.1	87.9	89.0	90.3	90.4	90.4	90.4	90.4	90.4
≥ 900	44.6	75.3	78.0	81.5	84.1	85.1	87.0	89.0	90.0	91.0	92.4	92.5	92.6	92.6	92.6	92.6
≥ 800	44.7	76.0	78.7	82.4	85.5	86.6	88.8	90.8	91.8	92.8	94.1	94.3	94.4	94.4	94.4	94.4
≥ 700	44.7	76.0	78.7	82.4	85.9	87.1	89.4	91.3	92.4	93.8	95.5	95.6	95.7	95.7	95.7	95.7
≥ 600	44.7	76.0	78.9	82.6	86.1	87.5	89.8	92.0	93.1	94.5	96.3	96.4	96.5	96.5	96.5	96.5
≥ 500	44.7	76.1	79.0	82.7	86.5	87.8	90.2	92.4	93.5	95.0	96.8	97.0	97.3	97.3	97.3	97.3
≥ 400	44.7	76.1	79.0	82.7	86.5	87.8	90.2	92.5	94.1	95.6	97.8	98.1	98.4	98.4	98.4	98.4
≥ 300	44.7	76.1	79.0	82.7	86.5	87.8	90.2	92.5	94.3	95.9	98.2	98.4	98.8	98.8	98.8	99.2
≥ 200	44.7	76.1	79.0	82.7	86.5	87.8	90.2	92.5	94.4	96.1	98.3	98.6	98.9	98.9	99.3	99.6
≥ 100	44.7	76.1	79.0	82.7	86.5	87.8	90.2	92.5	94.4	96.1	98.3	98.6	98.9	98.9	99.4	99.8
0	44.7	76.1	79.0	82.7	86.5	87.8	90.2	92.5	94.4	96.1	98.3	98.6	98.9	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.6	32.7	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 20000	25.2	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 18000	25.2	38.2	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 16000	25.3	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 14000	25.8	39.4	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 12000	26.5	40.6	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 10000	28.0	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 9000	28.6	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 8000	29.4	46.1	46.8	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 7000	30.1	47.8	48.5	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 6000	30.8	48.5	49.2	49.2	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 5000	31.4	49.5	50.2	50.2	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 4500	32.1	50.5	51.3	51.3	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 4000	33.8	54.2	55.1	55.1	55.8	55.8	56.0	56.0	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 3500	35.2	56.6	57.5	57.5	58.3	58.3	58.7	58.7	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 3000	38.0	63.1	63.9	64.8	66.3	66.4	67.0	67.0	67.1	67.6	67.9	67.9	67.9	67.9	67.9	67.9
≥ 2500	41.3	69.1	70.0	70.8	72.5	72.6	73.5	73.5	73.6	74.2	74.7	74.8	74.8	74.8	74.8	74.8
≥ 2000	44.2	73.8	75.4	76.7	78.7	78.9	80.2	80.4	80.6	81.2	82.2	82.3	82.3	82.3	82.3	82.3
≥ 1800	44.7	74.8	76.3	77.7	79.7	79.8	81.1	81.4	81.6	82.2	83.2	83.3	83.3	83.3	83.3	83.3
≥ 1500	45.5	76.6	78.5	80.3	82.4	82.6	83.9	84.1	84.3	85.3	86.5	86.6	86.7	86.7	86.7	86.7
≥ 1200	46.0	77.9	80.0	82.0	84.1	84.2	85.8	86.4	86.9	88.4	89.7	90.0	90.4	90.4	90.4	90.4
≥ 1000	46.2	78.9	81.0	83.0	85.9	86.3	87.9	88.6	89.1	90.8	92.2	92.6	93.1	93.1	93.1	93.1
≥ 900	46.2	79.0	81.1	83.3	86.3	86.9	88.8	89.5	90.0	91.6	93.1	93.4	93.9	93.9	93.9	93.9
≥ 800	46.2	79.2	81.4	83.6	87.0	87.6	89.6	90.3	90.8	92.5	94.0	94.5	95.0	95.0	95.0	95.0
≥ 700	46.2	79.2	81.4	83.8	87.1	87.7	89.7	90.4	90.9	92.8	94.4	94.9	95.3	95.3	95.3	95.3
≥ 600	46.2	79.2	81.4	83.9	87.3	88.2	90.3	91.3	91.9	93.8	95.5	95.9	96.5	96.5	96.5	96.5
≥ 500	46.2	79.2	81.4	83.9	87.3	88.2	90.6	91.8	92.5	94.4	96.1	96.5	97.1	97.1	97.1	97.1
≥ 400	46.2	79.2	81.4	83.9	87.3	88.2	90.6	92.0	92.8	94.7	96.9	97.4	98.0	98.0	98.0	98.0
≥ 300	46.2	79.2	81.4	83.9	87.6	88.4	90.9	92.4	93.2	95.1	97.3	97.7	98.7	98.7	98.7	99.0
≥ 200	46.2	79.2	81.4	83.9	87.6	88.4	91.0	92.5	93.4	95.6	97.8	98.3	99.3	99.3	99.3	99.6
≥ 100	46.2	79.2	81.4	83.9	87.6	88.4	91.0	92.5	93.4	95.6	97.8	98.3	99.3	99.3	99.3	99.6
≥ 0	46.2	79.2	81.4	83.9	87.6	88.4	91.0	92.5	93.4	95.6	97.8	98.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	23.3	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	36.0	36.0
≥ 20000	26.0	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8
≥ 18000	26.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.1
≥ 16000	26.4	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.3	40.3
≥ 14000	26.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.9	40.9
≥ 12000	27.1	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9
≥ 10000	28.8	45.0	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.6	45.6
≥ 9000	29.9	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.8	46.8
≥ 8000	30.5	47.9	48.3	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.9	48.9
≥ 7000	31.3	49.0	49.3	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.9	49.9	49.9
≥ 6000	32.0	49.9	50.4	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	51.0	51.0
≥ 5000	32.3	51.0	51.6	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.2	52.2
≥ 4500	32.6	52.4	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.6	53.6
≥ 4000	34.6	56.4	57.0	57.1	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.2	58.2
≥ 3500	37.4	60.1	60.8	60.9	61.6	61.6	61.8	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.2	62.2
≥ 3000	40.9	65.9	66.8	66.9	67.9	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.5	68.5	68.6	68.6
≥ 2500	42.8	69.9	71.4	71.8	72.8	72.9	73.2	73.7	73.7	73.7	73.7	73.7	73.8	73.8	74.0	74.0
≥ 2000	45.5	74.3	76.0	77.1	78.6	78.7	79.5	80.2	80.3	80.4	80.4	80.4	80.5	80.5	80.6	80.6
≥ 1800	45.9	75.0	76.8	78.0	79.7	79.8	80.5	81.2	81.4	81.5	81.5	81.5	81.6	81.6	81.7	81.7
≥ 1500	47.2	77.3	79.1	80.3	82.0	82.2	83.3	84.2	84.3	84.6	84.8	84.8	85.1	85.1	85.2	85.2
≥ 1200	47.6	79.0	80.9	82.2	84.1	84.5	85.7	87.2	87.5	88.1	88.5	88.5	88.9	88.9	89.0	89.0
≥ 1000	47.7	79.6	81.8	83.6	85.7	86.0	87.3	89.5	90.1	91.0	91.6	91.6	92.1	92.4	92.5	92.5
≥ 900	47.7	79.6	81.8	83.6	86.3	86.6	88.1	90.2	91.0	92.0	92.6	92.6	93.1	93.3	93.4	93.4
≥ 800	47.7	79.8	82.1	84.0	86.7	87.1	88.5	90.9	91.8	92.7	93.3	93.3	93.8	94.0	94.1	94.1
≥ 700	47.7	79.9	82.3	84.2	87.1	87.6	89.4	91.8	92.7	93.8	94.4	94.4	94.9	95.1	95.2	95.2
≥ 600	47.7	79.9	82.3	84.2	87.2	87.7	89.6	92.6	93.5	94.6	95.2	95.2	95.8	96.1	96.2	96.2
≥ 500	47.7	79.9	82.3	84.2	87.2	87.7	89.8	93.1	94.0	95.5	96.1	96.1	96.7	96.9	97.0	97.0
≥ 400	47.7	79.9	82.3	84.6	87.6	88.1	90.2	93.4	94.4	95.8	96.4	96.4	97.3	97.5	97.6	97.6
≥ 300	47.7	79.9	82.3	84.6	87.6	88.1	90.3	93.8	94.9	96.5	97.1	97.5	98.3	98.7	99.0	99.0
≥ 200	47.7	79.9	82.3	84.6	87.6	88.1	90.3	93.8	9[illegible]	96.8	97.5	98.0	99.0	99.4	99.9	99.9
≥ 100	47.7	79.9	82.3	84.6	87.6	88.1	90.3	93.8	94.9	96.8	97.5	98.0	99.0	99.4	99.9	100.0
≥ 0	47.7	79.9	82.3	84.6	87.6	88.1	90.3	93.8	9[illegible]	96.8	97.5	98.0	99.0	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	23.3	36.3	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9	36.9	37.2	37.3
≥ 20000	25.2	38.2	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.9	39.2	39.3
≥ 18000	25.2	38.2	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.9	39.2	39.3
≥ 16000	25.3	38.4	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.1	39.1	39.3	39.4
≥ 14000	25.9	38.9	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.7	39.7	39.9	40.0
≥ 12000	26.4	40.0	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7	41.0	41.1
≥ 10000	28.1	42.4	43.1	43.1	43.2	43.2	43.2	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.7	43.8
≥ 9000	28.6	43.1	43.8	43.8	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.4	44.6
≥ 8000	29.4	44.3	45.0	45.0	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.8	45.9
≥ 7000	29.9	44.8	45.5	45.5	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.2	46.4
≥ 6000	30.9	46.0	46.7	46.7	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.4	47.6
≥ 5000	31.5	48.0	48.9	48.9	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.5	49.5	49.7	49.8
≥ 4500	31.5	48.3	49.1	49.1	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.9	50.1
≥ 4000	33.1	53.2	54.1	54.1	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.8	54.8	55.1	55.2
≥ 3500	34.4	55.1	56.0	56.0	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.8	56.8	57.0	57.1
≥ 3000	37.0	60.1	61.2	61.5	62.4	62.4	62.4	62.7	62.7	62.7	62.7	62.7	63.0	63.0	63.2	63.3
≥ 2500	40.4	66.8	68.1	68.8	69.7	69.7	69.9	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.8	71.0
≥ 2000	43.4	72.6	74.2	75.1	77.2	77.2	77.8	79.0	79.1	79.1	79.1	79.1	79.3	79.3	79.6	79.7
≥ 1800	43.8	74.0	75.7	77.1	79.1	79.2	79.8	81.0	81.1	81.1	81.1	81.1	81.4	81.4	81.6	81.7
≥ 1500	44.7	76.1	78.5	80.2	82.4	82.6	83.4	84.6	84.8	84.8	84.8	84.8	85.2	85.2	85.4	85.5
≥ 1200	45.6	77.9	80.4	82.1	84.6	84.7	85.7	87.0	87.3	87.5	87.5	87.5	87.8	87.8	88.1	88.2
≥ 1000	46.1	79.3	82.4	84.6	87.1	87.3	88.4	90.4	90.8	91.5	92.2	92.2	92.6	92.6	92.8	93.0
≥ 900	46.1	79.7	82.8	85.1	87.8	88.1	89.1	91.2	91.5	92.2	93.0	93.0	93.3	93.3	93.5	93.7
≥ 800	46.1	79.8	82.9	85.3	88.4	88.6	89.7	92.0	92.4	93.3	94.3	94.3	94.6	94.6	94.9	95.0
≥ 700	46.1	79.9	83.0	85.4	88.6	88.9	90.0	92.2	92.6	93.5	94.5	94.5	94.9	94.9	95.1	95.2
≥ 600	46.1	80.2	83.3	85.7	89.0	89.5	90.6	93.2	93.5	94.5	95.7	95.7	96.1	96.1	96.3	96.4
≥ 500	46.1	80.2	83.3	85.7	89.0	89.5	90.7	93.3	93.7	94.6	95.8	95.8	96.2	96.2	96.4	96.5
≥ 400	46.1	80.2	83.4	85.9	89.2	89.7	90.9	93.5	94.0	95.1	96.5	96.8	97.1	97.1	97.4	97.5
≥ 300	46.1	80.2	83.4	85.9	89.2	89.7	90.9	93.5	94.0	96.1	97.6	98.1	98.8	98.9	99.2	99.3
≥ 200	46.1	80.2	83.4	85.9	89.2	89.7	90.9	93.5	94.0	96.1	97.6	98.1	98.8	98.9	99.2	99.3
≥ 100	46.1	80.2	83.4	85.9	89.2	89.7	90.9	93.5	94.0	96.2	97.8	98.3	99.0	99.4	99.6	99.8
≥ 0	46.1	80.2	83.4	85.9	89.2	89.7	90.9	93.5	94.0	96.2	97.8	98.3	99.0	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

ALL (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	22.2	34.0	34.3	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.7	34.7
≥ 20000	24.0	36.5	36.7	36.9	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.2
≥ 18000	24.1	36.7	37.0	37.2	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5
≥ 16000	24.1	36.8	37.1	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5
≥ 14000	24.4	37.3	37.6	37.7	37.9	37.9	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.1
≥ 12000	25.0	38.1	38.4	38.6	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.9
≥ 10000	26.2	40.2	40.6	40.8	40.9	40.9	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2
≥ 9000	26.7	40.9	41.3	41.5	41.6	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9
≥ 8000	27.5	42.3	42.7	42.9	43.2	43.2	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6	43.6
≥ 7000	28.0	43.1	43.6	43.8	44.1	44.1	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.5
≥ 6000	28.6	44.2	44.7	44.9	45.1	45.2	45.3	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.6
≥ 5000	29.1	45.7	46.3	46.6	46.9	46.9	47.1	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3
≥ 4500	29.5	46.6	47.2	47.5	47.9	47.9	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.3	48.3
≥ 4000	31.0	50.5	51.5	51.9	52.6	52.6	52.9	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.3	53.3
≥ 3500	32.2	52.6	53.6	54.1	54.8	54.8	55.3	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.7	55.7
≥ 3000	35.4	58.7	60.0	60.8	61.9	61.9	62.5	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.2	63.2
≥ 2500	37.8	63.5	65.1	66.2	67.5	67.6	68.3	68.8	68.9	69.0	69.2	69.2	69.3	69.3	69.3	69.3
≥ 2000	40.4	68.5	70.6	72.2	74.2	74.4	75.6	76.5	76.7	76.9	77.2	77.3	77.4	77.4	77.4	77.5
≥ 1800	40.7	69.6	71.8	73.5	75.5	75.8	76.9	77.8	78.0	78.3	78.6	78.6	78.7	78.7	78.8	78.8
≥ 1500	42.1	72.8	75.3	77.4	79.6	80.0	81.4	82.3	82.6	82.9	83.3	83.3	83.5	83.5	83.6	83.6
≥ 1200	42.8	74.5	77.2	79.5	81.8	82.2	83.8	84.9	85.3	85.8	86.2	86.3	86.5	86.5	86.6	86.6
≥ 1000	43.2	75.8	78.8	81.4	83.9	84.6	86.3	87.7	88.2	88.9	89.5	89.6	89.9	89.9	90.0	90.0
≥ 900	43.4	76.3	79.4	82.1	85.0	85.7	87.5	89.2	89.7	90.4	91.1	91.1	91.4	91.4	91.5	91.5
≥ 800	43.5	76.8	79.9	82.9	86.0	86.8	88.8	90.6	91.2	92.0	92.7	92.8	93.1	93.1	93.2	93.2
≥ 700	43.6	77.0	80.1	83.3	86.6	87.5	89.5	91.4	92.1	93.0	93.9	94.0	94.3	94.3	94.4	94.4
≥ 600	43.6	77.0	80.2	83.5	86.9	87.9	90.1	92.2	92.9	93.9	94.8	94.9	95.3	95.3	95.4	95.4
≥ 500	43.6	77.1	80.3	83.7	87.3	88.2	90.5	92.6	93.7	94.7	95.7	95.8	96.2	96.2	96.3	96.3
≥ 400	43.6	77.2	80.4	83.8	87.6	88.6	90.9	93.3	94.3	95.4	96.6	96.8	97.2	97.3	97.4	97.4
≥ 300	43.6	77.2	80.5	83.9	87.7	88.7	91.1	93.7	94.8	96.1	97.4	97.7	98.3	98.4	98.5	98.6
≥ 200	43.6	77.2	80.5	83.9	87.7	88.7	91.1	93.8	94.9	96.5	97.8	98.2	98.8	98.9	99.1	99.4
≥ 100	43.6	77.2	80.5	83.9	87.7	88.7	91.1	93.8	94.9	96.5	97.9	98.2	98.9	99.1	99.4	99.6
≥ 0	43.6	77.2	80.5	83.9	87.7	88.7	91.1	93.8	94.9	96.5	97.9	98.2	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6696

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

0000-0200 (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	28.9	42.5	43.0	43.4	43.7	43.7	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2
≥ 20000	29.4	44.5	45.0	45.4	45.7	45.7	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2
≥ 18000	29.4	44.5	45.0	45.4	45.7	45.7	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2
≥ 16000	29.5	44.6	45.1	45.5	45.8	45.8	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3
≥ 14000	30.2	45.5	46.1	46.5	46.7	46.7	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2
≥ 12000	30.7	46.1	46.6	47.0	47.2	47.2	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.8
≥ 10000	32.2	48.3	49.0	49.5	49.7	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3
≥ 9000	32.4	48.7	49.3	50.0	50.3	50.3	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.8
≥ 8000	34.1	50.9	51.8	52.5	52.8	52.8	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3
≥ 7000	34.4	51.6	52.5	53.1	53.4	53.4	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9
≥ 6000	35.0	52.2	53.1	53.8	54.1	54.1	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6
≥ 5000	35.8	53.3	54.2	54.9	55.2	55.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.8
≥ 4500	36.1	53.9	54.9	55.5	55.9	55.9	55.9	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.6
≥ 4000	39.1	59.1	60.4	61.4	61.9	61.9	62.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 3500	39.4	60.6	62.5	63.5	64.0	64.0	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
≥ 3000	42.8	66.8	68.8	69.9	71.0	71.0	71.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 2500	44.6	71.3	73.2	74.4	75.5	75.5	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4
≥ 2000	46.1	74.7	77.0	78.7	80.1	80.1	80.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7
≥ 1800	46.5	75.2	77.7	79.4	80.7	80.7	81.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
≥ 1500	48.2	77.6	80.6	82.5	84.4	84.6	85.8	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
≥ 1200	48.6	78.3	81.4	83.3	85.2	85.4	86.7	88.6	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 1000	49.0	79.5	82.9	85.2	87.1	87.5	89.6	91.7	91.9	92.3	92.3	92.3	92.7	92.7	92.7	92.8
≥ 900	49.1	79.9	83.3	85.6	87.7	88.1	90.2	92.3	92.5	92.9	93.0	93.0	93.4	93.4	93.4	93.6
≥ 800	49.2	80.6	84.1	86.4	88.6	89.0	91.2	93.6	94.0	94.4	94.5	94.5	94.9	94.9	94.9	95.0
≥ 700	49.2	80.7	84.4	86.6	89.1	89.8	92.0	94.6	95.0	95.4	95.5	95.5	95.9	95.9	95.9	96.1
≥ 600	49.2	80.7	84.4	86.6	89.6	90.3	92.7	95.4	95.8	96.2	96.3	96.3	96.7	96.7	96.7	96.9
≥ 500	49.2	80.7	84.5	86.7	90.0	90.7	93.2	96.3	96.9	97.2	97.4	97.4	97.8	97.8	97.8	97.9
≥ 400	49.2	80.7	84.5	87.0	90.6	91.2	93.7	97.0	97.5	97.9	98.0	98.0	98.6	98.6	98.6	98.7
≥ 300	49.2	80.7	84.5	87.0	90.6	91.2	93.7	97.0	97.6	98.2	98.4	98.4	99.0	99.1	99.2	99.5
≥ 200	49.2	80.7	84.5	87.0	90.6	91.2	93.7	97.0	97.6	98.2	98.4	98.4	99.1	99.3	99.6	100.0
≥ 100	49.2	80.7	84.5	87.0	90.6	91.2	93.7	97.0	97.6	98.2	98.4	98.4	99.1	99.3	99.6	100.0
≥ 0	49.2	80.7	84.5	87.0	90.6	91.2	93.7	97.0	97.6	98.2	98.4	98.4	99.1	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 762

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.0	41.6	42.0	42.1	42.7	42.7	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 20000	28.0	43.0	43.4	43.6	44.1	44.1	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 18000	28.0	43.2	43.6	43.7	44.2	44.2	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 16000	28.0	43.2	43.6	43.7	44.2	44.2	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 14000	29.0	44.5	44.9	45.0	45.5	45.5	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 12000	29.5	45.3	45.7	45.8	46.3	46.3	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 10000	30.6	46.7	47.1	47.2	47.8	47.8	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 9000	31.1	47.4	47.8	47.9	48.4	48.4	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 8000	32.5	49.3	50.0	50.1	50.7	50.7	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 7000	32.8	49.9	50.7	50.8	51.3	51.3	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 6000	33.2	50.4	51.2	51.3	51.8	51.8	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 5000	34.0	51.7	52.8	52.9	53.5	53.5	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 4500	34.1	52.8	53.9	54.1	54.9	54.9	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 4000	37.3	58.1	59.4	59.8	61.2	61.2	61.5	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5
≥ 3500	37.9	60.6	61.9	62.5	63.8	63.8	64.2	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1
≥ 3000	40.6	65.0	66.5	67.5	69.3	69.3	69.7	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7
≥ 2500	41.7	68.0	70.1	71.1	73.0	73.0	73.4	74.4	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2000	42.9	71.7	74.1	75.5	77.6	77.6	78.5	79.7	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1800	43.0	72.2	74.9	76.2	78.3	78.3	79.3	80.6	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1500	44.4	74.8	77.7	79.1	82.0	82.4	83.6	85.6	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	45.5	76.6	79.8	81.4	84.5	84.9	86.2	88.2	88.3	88.8	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1000	45.7	77.4	80.7	82.4	86.5	87.0	88.8	90.9	91.1	91.6	92.0	92.0	92.1	92.1	92.1	92.1
≥ 900	45.7	77.4	80.7	82.5	86.9	87.4	89.2	91.5	91.6	92.1	92.5	92.5	92.7	92.7	92.7	92.7
≥ 800	45.7	77.4	80.7	82.7	87.1	87.8	89.8	92.3	92.4	92.9	93.3	93.3	93.4	93.4	93.4	93.4
≥ 700	45.7	77.4	80.7	82.8	87.3	87.9	90.2	93.0	93.2	93.7	94.1	94.1	94.2	94.2	94.2	94.2
≥ 600	45.7	77.6	80.8	82.9	87.5	88.3	91.2	94.4	94.5	95.0	95.4	95.4	95.5	95.5	95.5	95.5
≥ 500	45.7	77.6	80.8	83.3	87.9	88.8	91.7	95.4	95.8	96.3	96.9	96.9	97.0	97.0	97.0	97.0
≥ 400	45.7	77.6	81.1	83.6	88.2	89.1	92.1	95.9	96.3	96.9	97.4	97.4	97.5	97.5	97.5	97.5
≥ 300	45.7	77.6	81.1	83.6	88.2	89.1	92.3	96.5	96.9	97.4	97.9	97.9	98.2	98.2	98.2	98.2
≥ 200	45.7	77.6	81.1	83.6	88.2	89.1	92.3	96.6	97.0	97.6	98.2	98.4	99.0	99.3	99.3	99.5
≥ 100	45.7	77.6	81.1	83.6	88.2	89.1	92.3	96.6	97.0	97.8	98.3	98.6	99.1	99.5	99.9	100.0
0	45.7	77.6	81.1	83.6	88.2	89.1	92.3	96.6	97.0	97.8	98.3	98.6	99.1	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 762

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	24.0	38.3	38.7	39.1	39.8	39.8	39.9	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 20000	25.1	39.9	40.3	40.7	41.3	41.3	41.5	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1
≥ 18000	25.1	39.9	40.3	40.7	41.3	41.3	41.5	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1
≥ 16000	25.1	39.9	40.3	40.7	41.3	41.3	41.5	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1
≥ 14000	25.3	40.7	41.1	41.5	42.1	42.1	42.3	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9
≥ 12000	25.5	41.2	41.6	42.0	42.7	42.7	42.8	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4
≥ 10000	27.0	43.6	44.0	44.5	45.1	45.1	45.3	45.9	45.9	45.9	46.1	46.1	46.2	46.2	46.2	46.2
≥ 9000	27.2	43.7	44.1	44.6	45.3	45.3	45.4	46.1	46.1	46.1	46.2	46.2	46.3	46.3	46.3	46.3
≥ 8000	28.9	45.7	46.2	46.7	47.4	47.4	47.5	48.2	48.2	48.2	48.3	48.3	48.4	48.4	48.4	48.4
≥ 7000	29.8	46.7	47.5	48.0	48.7	48.7	48.8	49.5	49.5	49.5	49.6	49.6	49.7	49.7	49.7	49.7
≥ 6000	29.9	47.0	47.8	48.3	49.1	49.1	49.2	49.9	49.9	49.9	50.0	50.0	50.1	50.1	50.1	50.1
≥ 5000	31.0	48.7	49.7	50.3	51.0	51.2	51.3	52.0	52.0	52.0	52.1	52.1	52.2	52.2	52.2	52.2
≥ 4500	31.8	50.0	51.0	51.6	52.4	52.5	52.6	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.5
≥ 4000	35.0	54.9	56.3	56.8	58.7	58.9	59.3	60.4	60.4	60.6	60.8	60.8	61.0	61.0	61.0	61.0
≥ 3500	36.4	57.3	58.8	59.4	61.3	61.5	61.9	63.0	63.0	63.3	63.4	63.4	63.8	63.8	63.8	63.8
≥ 3000	38.3	61.3	63.1	63.9	66.1	66.4	66.8	67.8	67.8	68.1	68.2	68.2	68.6	68.6	68.6	68.6
≥ 2500	40.2	65.7	67.6	68.6	71.1	71.4	71.8	73.1	73.1	73.5	73.6	73.6	74.0	74.0	74.0	74.0
≥ 2000	42.1	69.3	71.1	72.2	74.8	75.2	76.0	77.3	77.3	77.7	77.8	77.8	78.2	78.2	78.2	78.2
≥ 1800	42.5	70.1	72.2	73.2	75.9	76.2	77.0	78.3	78.3	78.9	79.0	79.0	79.4	79.4	79.4	79.4
≥ 1500	43.3	72.2	74.5	75.9	79.4	79.9	80.7	82.3	82.5	83.3	83.5	83.5	84.0	84.0	84.3	84.4
≥ 1200	43.8	73.6	76.5	78.0	81.9	82.4	83.3	85.4	85.7	86.5	86.7	86.7	87.3	87.3	87.5	87.7
≥ 1000	44.1	74.0	76.9	78.7	83.1	83.6	84.6	86.9	87.3	88.3	88.7	88.7	89.4	89.5	89.8	89.9
≥ 900	44.4	74.5	77.4	79.4	83.9	84.4	85.4	88.2	88.6	89.6	90.0	90.0	90.7	90.8	91.1	91.2
≥ 800	44.4	74.7	78.0	80.2	84.8	85.4	86.6	89.5	90.3	91.5	91.9	91.9	92.5	92.7	92.9	93.0
≥ 700	44.5	74.8	78.2	80.4	85.0	85.7	87.1	90.2	91.1	92.3	92.7	92.7	93.3	93.4	93.7	93.8
≥ 600	44.5	74.8	78.2	80.4	85.0	85.7	87.3	90.3	91.5	92.8	93.2	93.2	93.8	94.0	94.2	94.4
≥ 500	44.5	75.1	78.5	81.0	85.6	86.2	87.8	90.8	92.1	93.4	93.8	93.8	94.5	94.6	94.9	95.0
≥ 400	44.5	75.2	78.6	81.1	85.8	86.5	88.3	91.7	93.2	94.6	95.1	95.1	95.9	96.1	96.3	96.5
≥ 300	44.5	75.2	78.6	81.1	85.8	86.6	88.7	92.4	93.8	95.4	96.3	96.5	97.2	97.6	98.2	98.3
≥ 200	44.5	75.2	78.6	81.1	85.8	86.6	88.7	92.5	94.0	95.5	96.6	96.9	97.9	98.3	99.2	99.3
≥ 100	44.5	75.2	78.6	81.1	85.8	86.6	88.7	92.5	94.0	95.7	96.7	97.0	98.0	98.4	99.3	100.0
≥ 0	44.5	75.2	78.6	81.1	85.8	86.6	88.7	92.5	94.0	95.7	96 7	97.0	98.0	98.4	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 762

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	22.3	34.8	34.9	35.4	36.0	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 20000	23.9	38.6	38.7	39.2	39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 18000	23.9	38.6	38.7	39.2	39.9	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 16000	23.9	38.8	39.0	39.5	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 14000	24.8	40.0	40.2	40.7	41.3	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 12000	25.6	41.3	41.5	42.1	42.8	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 10000	27.2	44.2	44.4	45.3	46.1	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 9000	27.2	44.1	44.4	45.3	46.1	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 8000	28.3	45.5	45.9	46.9	47.6	47.6	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 7000	28.7	46.6	47.0	47.9	48.7	48.7	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 6000	29.5	47.5	47.9	49.0	49.9	49.9	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 5000	30.6	49.1	49.9	50.9	52.0	52.0	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 4500	31.2	49.9	50.9	52.2	53.4	53.4	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 4000	34.5	54.9	56.3	58.1	60.4	60.4	61.4	61.8	61.9	62.3	62.5	62.6	62.6	62.6	62.6	62.6
≥ 3500	35.2	56.3	57.9	59.8	62.1	62.1	63.3	63.6	63.8	64.2	64.3	64.4	64.4	64.4	64.4	64.4
≥ 3000	36.5	58.7	60.5	62.9	65.5	65.5	67.1	67.6	67.7	68.1	68.4	68.5	68.5	68.5	68.5	68.5
≥ 2500	38.3	61.7	63.8	66.7	69.8	70.1	71.9	72.4	73.1	73.5	73.8	73.9	73.9	73.9	73.9	73.9
≥ 2000	40.6	64.7	66.9	70.1	73.8	74.3	76.2	77.0	77.8	78.3	78.9	79.0	79.0	79.0	79.0	79.0
≥ 1800	40.8	65.4	67.6	70.7	74.5	75.1	77.0	77.8	78.6	79.1	79.7	79.8	79.8	79.8	79.8	79.8
≥ 1500	41.7	67.7	70.3	73.5	77.8	78.3	80.4	81.2	82.0	83.1	84.1	84.3	84.3	84.3	84.3	84.3
≥ 1200	42.1	68.2	71.1	74.5	79.0	79.7	81.8	83.5	84.4	85.6	86.7	86.9	86.9	86.9	86.9	86.9
≥ 1000	42.7	68.8	71.8	75.3	79.9	80.6	82.8	84.6	85.8	87.0	88.6	88.7	88.7	88.7	88.7	88.7
≥ 900	42.7	68.9	72.0	75.6	80.2	80.8	83.2	85.2	86.5	87.7	89.2	89.4	89.4	89.5	89.5	89.5
≥ 800	42.7	68.9	72.2	75.9	80.6	81.6	84.1	86.5	87.8	89.8	91.5	91.6	92.1	92.4	92.4	92.4
≥ 700	42.7	68.9	72.2	75.9	80.8	81.6	84.1	86.9	88.3	90.6	92.4	92.5	93.0	93.3	93.4	93.4
≥ 600	42.7	68.9	72.2	75.9	81.1	81.9	84.5	87.3	88.7	90.9	92.8	92.9	94.0	94.2	94.4	94.5
≥ 500	42.7	68.9	72.3	76.0	81.2	82.0	84.6	87.7	89.2	91.6	93.8	94.1	95.3	95.5	95.7	95.9
≥ 400	42.7	68.9	72.3	76.0	81.2	82.2	84.9	87.9	89.5	92.3	94.5	95.0	96.5	96.7	97.0	97.2
≥ 300	42.7	68.9	72.3	76.0	81.2	82.2	84.9	88.1	90.2	93.2	95.4	95.9	97.4	98.0	98.3	98.6
≥ 200	42.7	68.9	72.3	76.0	81.2	82.2	84.9	88.2	90.3	93.3	95.8	96.3	98.0	98.7	99.1	100.0
≥ 100	42.7	68.9	72.3	76.0	81.2	82.2	84.9	88.2	90.3	93.3	95.8	96.3	98.0	98.7	99.1	100.0
≥ 0	42.7	68.9	72.3	76.0	81.2	82.2	84.9	88.2	90.3	93.3	95.8	96.3	98.0	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 762

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	20.7	30.1	30.6	30.6	31.0	31.0	31.0	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 20000	23.2	34.9	35.6	35.6	36.1	36.1	36.1	36.2	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 18000	23.2	35.2	35.8	35.8	36.5	36.5	36.5	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 16000	23.2	35.3	36.0	36.0	36.6	36.6	36.6	36.7	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 14000	24.1	36.5	37.1	37.1	37.8	37.8	37.8	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 12000	25.2	39.0	39.6	39.6	40.3	40.3	40.3	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 10000	26.9	41.1	41.9	42.0	42.8	42.8	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 9000	26.9	41.1	41.9	42.0	42.8	42.8	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 8000	28.3	43.7	44.6	44.8	45.5	45.5	45.5	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 7000	29.0	44.9	45.8	45.9	46.7	46.7	46.7	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 6000	29.7	45.8	46.7	46.9	47.8	47.8	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 5000	31.0	47.6	48.8	49.1	50.0	50.0	50.0	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 4500	31.1	47.8	49.0	49.3	50.4	50.4	50.5	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 4000	34.1	54.2	56.0	56.4	58.5	58.7	59.1	59.2	59.2	59.3	59.6	59.6	59.6	59.6	59.6	59.6
≥ 3500	35.2	55.6	57.6	58.0	60.1	60.2	60.6	60.8	60.8	60.9	61.2	61.2	61.2	61.2	61.2	61.2
≥ 3000	40.2	62.5	64.6	65.2	67.6	68.1	68.8	69.2	69.2	69.4	69.9	69.9	69.9	69.9	69.9	69.9
≥ 2500	41.7	65.4	67.6	68.2	70.7	71.8	73.1	73.5	73.6	73.9	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2000	44.5	68.9	71.9	72.7	75.6	76.8	78.2	78.7	79.0	79.3	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1800	44.6	69.2	72.2	73.2	76.1	77.3	78.7	79.3	79.7	79.9	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1500	45.9	71.9	75.5	76.9	80.3	81.5	83.3	84.0	84.4	84.9	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1200	46.5	73.0	76.5	78.0	81.5	82.7	84.6	85.6	86.0	86.6	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	46.6	73.4	77.2	79.0	82.9	84.3	86.4	87.3	88.1	89.0	89.6	89.6	89.6	89.6	89.8	89.8
≥ 900	46.6	73.4	77.4	79.3	83.2	84.6	86.7	87.8	88.6	89.5	90.2	90.2	90.3	90.6	90.7	90.7
≥ 800	46.6	73.4	77.4	79.4	83.5	85.2	87.4	88.7	89.5	90.9	91.7	91.7	92.5	92.8	92.9	92.9
≥ 700	46.6	73.4	77.6	79.5	83.6	86.0	88.3	89.8	90.7	92.1	92.9	92.9	93.8	94.2	94.4	94.4
≥ 600	46.6	73.4	77.6	79.5	83.6	86.0	88.7	90.3	91.2	92.8	94.1	94.1	95.0	95.4	95.7	95.7
≥ 500	46.6	73.4	77.6	79.6	83.9	86.2	89.0	90.7	91.6	93.2	94.6	94.9	96.3	96.9	97.5	97.5
≥ 400	46.6	73.4	77.6	79.8	83.9	86.4	89.1	90.9	91.9	93.7	95.1	95.4	96.9	97.4	98.0	98.0
≥ 300	46.6	73.4	77.6	79.8	83.9	86.4	89.1	91.1	92.3	94.1	95.5	95.9	97.4	98.0	99.0	99.0
≥ 200	46.6	73.4	77.6	79.8	83.9	86.4	89.1	91.1	92.4	94.4	95.8	96.5	97.9	98.7	99.6	99.9
≥ 100	46.6	73.4	77.6	79.8	83.9	86.4	89.1	91.1	92.4	94.4	95.8	96.5	97.9	98.7	99.6	99.9
≥ 0	46.6	73.4	77.6	79.8	83.9	86.4	89.1	91.1	92.4	94.4	95.8	96.5	97.9	98.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 762

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.4	31.8	32.2	32.2	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 20000	26.0	37.3	37.9	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 18000	26.0	37.7	38.3	38.5	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 16000	26.0	37.7	38.3	38.5	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 14000	26.5	38.3	39.1	39.2	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 12000	28.5	40.6	41.6	41.7	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 10000	30.6	44.2	44.9	45.0	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 9000	31.0	44.9	45.7	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 8000	32.9	48.0	48.8	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 7000	34.4	49.9	50.8	50.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 6000	34.5	50.3	51.2	51.3	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 5000	35.7	51.6	52.5	52.6	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 4500	36.0	52.1	53.1	53.3	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 4000	38.5	57.7	59.6	60.0	61.2	61.2	61.7	61.8	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1
≥ 3500	39.4	60.1	62.1	62.5	63.9	63.9	64.4	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0
≥ 3000	43.2	66.5	68.8	69.2	70.9	71.0	71.9	72.2	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7
≥ 2500	44.8	69.4	71.7	72.1	74.1	74.9	76.1	76.6	76.8	76.8	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2000	47.8	73.2	75.6	76.4	78.7	79.5	81.1	81.8	81.9	82.0	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1800	47.8	73.8	76.0	77.2	79.1	79.9	81.5	82.2	82.3	82.4	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1500	49.3	76.1	78.6	80.3	83.3	84.4	86.2	86.9	87.0	87.5	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	49.5	76.8	79.7	81.4	84.4	85.8	87.5	88.2	88.3	89.1	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	49.9	77.7	80.6	82.5	85.7	87.3	89.4	90.0	90.6	91.3	92.0	92.0	92.1	92.1	92.1	92.1
≥ 900	49.9	77.7	80.7	82.7	85.8	87.7	89.8	90.4	90.9	92.0	92.9	92.9	93.0	93.0	93.0	93.0
≥ 800	49.9	77.8	80.8	82.9	86.1	88.1	90.4	91.5	92.0	93.3	94.2	94.2	94.6	94.6	94.6	94.6
≥ 700	49.9	77.8	80.8	82.9	86.1	88.1	90.4	91.5	92.3	93.6	94.5	94.5	95.3	95.3	95.3	95.3
≥ 600	49.9	77.8	80.8	82.9	86.2	88.2	90.6	91.6	92.8	94.2	95.3	95.3	96.3	96.3	96.3	96.3
≥ 500	49.9	77.8	80.8	82.9	86.4	88.3	90.7	91.7	93.0	94.6	96.3	96.3	97.4	97.4	97.5	97.5
≥ 400	49.9	78.1	81.1	83.2	86.7	88.7	91.1	92.5	94.0	95.9	97.5	97.5	98.7	98.7	98.8	98.8
≥ 300	49.9	78.1	81.1	83.2	86.7	88.7	91.1	92.7	94.4	96.3	98.0	98.0	99.2	99.2	99.3	99.3
≥ 200	49.9	78.1	81.1	83.2	86.7	88.7	91.1	92.7	94.4	96.3	98.0	98.0	99.2	99.2	99.7	99.7
≥ 100	49.9	78.1	81.1	83.2	86.7	88.7	91.1	92.7	94.4	96.3	98.0	98.0	99.2	99.2	99.9	99.9
≥ 0	49.9	78.1	81.1	83.2	86.7	88.7	91.1	92.7	94.4	96.3	98.0	98.0	99.2	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 762

USAF ETAC FORM AVL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.0	39.6	39.6	39.6	40.0	40.0	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 20000	29.1	44.0	44.4	44.4	44.9	44.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 18000	29.1	44.2	44.6	44.6	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 16000	29.3	44.5	44.9	44.9	45.5	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 14000	29.5	44.9	45.3	45.4	46.1	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	30.2	45.8	46.2	46.3	47.0	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 10000	32.4	48.6	49.3	49.5	50.1	50.1	50.5	50.8	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 9000	32.5	49.9	50.4	50.5	51.2	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 8000	34.6	53.8	54.3	54.6	55.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 7000	35.0	54.5	55.1	55.4	56.0	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 6000	35.6	55.4	56.3	56.6	57.2	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 5000	36.1	55.8	56.7	57.1	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 4500	36.4	56.2	57.1	57.9	58.7	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 4000	39.0	60.9	63.0	64.3	65.5	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3500	40.3	63.1	65.8	66.9	68.1	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3000	41.9	65.7	68.2	69.9	72.0	72.2	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 2500	44.2	69.7	73.0	75.1	77.8	78.1	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2000	45.5	72.7	76.1	78.5	81.4	81.8	82.9	83.7	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	45.7	73.5	77.0	79.4	82.3	82.7	83.9	84.6	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1500	47.1	75.5	79.3	81.8	85.3	85.7	86.9	87.8	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1200	47.1	76.2	80.4	82.9	86.6	87.1	88.6	89.5	89.9	90.3	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	47.5	77.3	81.6	84.5	88.3	89.0	90.4	91.9	92.4	92.8	93.3	93.3	93.4	93.4	93.4	93.4
≥ 900	47.8	77.7	82.3	85.4	89.0	89.6	91.1	92.8	93.0	93.4	94.0	94.0	94.1	94.1	94.1	94.1
≥ 800	47.8	78.1	82.9	85.7	89.9	90.6	92.1	94.0	94.5	95.1	95.7	95.7	95.8	95.8	95.8	95.8
≥ 700	47.8	78.1	82.9	85.7	89.9	90.6	92.1	94.1	94.9	95.7	96.2	96.2	96.3	96.3	96.3	96.3
≥ 600	47.8	78.1	82.9	85.7	90.0	90.7	92.3	94.2	95.3	96.1	96.6	96.6	96.9	96.9	96.9	96.9
≥ 500	47.8	78.1	82.9	85.7	90.0	90.8	92.4	94.4	95.7	96.8	97.5	97.5	97.8	97.8	97.8	97.8
≥ 400	47.8	78.1	82.9	85.7	90.0	90.8	92.4	95.8	96.7	97.8	98.7	98.7	99.0	99.0	99.0	99.0
≥ 300	47.8	78.1	82.9	85.7	90.0	90.8	92.4	95.8	96.7	97.8	98.7	98.7	99.2	99.2	99.2	99.2
≥ 200	47.8	78.1	82.9	85.7	90.0	90.8	92.4	95.8	96.7	97.8	98.8	98.8	99.3	99.3	99.3	99.3
≥ 100	47.8	78.1	82.9	85.7	90.0	90.8	92.4	95.8	96.7	97.9	99.1	99.1	99.6	99.6	99.6	99.6
≥ 0	47.8	78.1	82.9	85.7	90.0	90.8	92.4	95.8	96.7	97.9	99.1	99.1	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 702

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.2	45.7	45.7	45.9	46.2	46.2	46.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 20000	32.3	47.9	47.9	48.2	48.4	48.4	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 18000	32.4	48.0	48.0	48.3	48.6	48.6	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 16000	32.4	48.2	48.2	48.4	48.7	48.7	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 14000	33.2	49.5	49.5	49.7	50.0	50.0	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 12000	33.3	49.6	49.6	49.9	50.1	50.1	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 10000	34.4	51.2	51.3	51.6	51.8	51.8	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 9000	34.4	51.6	51.7	52.0	52.2	52.2	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 8000	35.3	53.7	53.9	54.2	54.5	54.5	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 7000	36.0	55.1	55.4	55.6	55.9	55.9	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 6000	36.7	55.9	56.2	56.4	56.7	56.7	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000	37.5	57.1	57.5	57.7	58.4	58.4	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 4500	38.1	58.1	58.5	58.8	59.4	59.4	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 4000	40.7	63.9	64.6	66.0	66.8	66.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3500	41.6	66.0	66.9	68.1	68.9	68.9	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3000	43.3	68.8	69.9	71.1	72.2	72.2	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 2500	44.9	71.6	73.2	74.4	75.6	75.6	76.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2000	46.5	76.1	77.7	79.0	80.3	80.3	81.1	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1800	46.7	76.8	78.3	79.7	81.0	81.0	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1500	48.2	80.1	81.8	83.5	85.6	85.7	86.6	87.4	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	48.2	80.6	82.5	84.3	86.4	86.5	87.5	88.3	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1000	48.7	81.6	83.6	85.3	87.5	87.7	89.5	91.2	91.2	91.9	91.9	91.9	92.0	92.0	92.0	92.0
≥ 900	49.1	82.3	84.3	86.1	88.3	88.5	90.3	92.0	92.0	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 800	49.1	82.7	84.6	86.5	88.7	88.8	90.9	92.8	93.0	93.8	93.8	93.8	94.0	94.0	94.0	94.0
≥ 700	49.1	82.9	85.1	87.3	89.5	89.6	91.7	93.7	94.1	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 600	49.1	83.1	85.4	87.5	89.9	90.0	92.3	94.5	94.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1
≥ 500	49.1	83.1	85.6	87.5	89.9	90.2	92.4	94.8	95.3	96.3	96.7	96.7	96.9	96.9	96.9	96.9
≥ 400	49.1	83.1	85.6	87.7	90.3	90.6	93.2	95.7	96.3	97.5	97.9	97.9	98.0	98.0	98.0	98.3
≥ 300	49.1	83.1	85.6	87.7	90.3	90.6	93.2	95.9	96.6	98.2	98.7	98.7	98.8	98.8	98.8	99.1
≥ 200	49.1	83.1	85.6	87.7	90.3	90.6	93.2	95.9	96.9	98.2	98.7	98.7	98.8	98.8	98.8	99.6
≥ 100	49.1	83.1	85.6	87.7	90.3	90.6	93.2	95.9	97.1	98.4	99.0	99.0	99.1	99.1	99.1	99.9
≥ 0	49.2	83.2	85.7	87.8	90.4	90.9	93.3	96.1	97.2	98.6	99.1	99.1	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 762

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.1	38.0	38.3	38.5	39.0	39.0	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 20000	27.1	41.3	41.7	41.9	42.4	42.4	42.5	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 18000	27.1	41.4	41.8	42.0	42.6	42.6	42.7	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 16000	27.2	41.5	41.9	42.1	42.7	42.7	42.8	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 14000	27.8	42.5	42.9	43.1	43.7	43.7	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 12000	28.6	43.6	44.0	44.3	44.8	44.8	45.0	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3
≥ 10000	30.2	46.0	46.5	46.8	47.4	47.4	47.6	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 9000	30.3	46.4	46.9	47.3	47.8	47.8	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 8000	31.9	48.8	49.5	49.8	50.4	50.4	50.7	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0
≥ 7000	32.5	49.9	50.6	51.0	51.6	51.6	51.8	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 6000	33.1	50.6	51.3	51.7	52.3	52.3	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9
≥ 5000	34.0	51.9	52.8	53.2	54.0	54.0	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 4500	34.3	52.6	53.6	54.1	54.9	54.9	55.2	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6
≥ 4000	37.3	58.0	59.5	60.4	61.8	61.8	62.4	62.8	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1
≥ 3500	38.2	60.0	61.6	62.6	64.0	64.1	64.6	65.1	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.5
≥ 3000	40.8	64.4	66.3	67.5	69.3	69.5	70.2	70.8	70.8	70.9	71.1	71.1	71.2	71.2	71.2	71.2
≥ 2500	42.6	67.9	70.0	71.4	73.5	73.8	74.7	75.5	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.1
≥ 2000	44.5	71.4	73.8	75.4	77.8	78.2	79.4	80.3	80.5	80.7	80.9	81.0	81.0	81.0	81.0	81.0
≥ 1800	44.7	72.0	74.5	76.1	78.5	78.9	80.1	81.1	81.3	81.5	81.7	81.7	81.8	81.8	81.8	81.8
≥ 1500	46.0	74.5	77.3	79.2	82.3	82.8	84.2	85.3	85.6	86.1	86.4	86.4	86.5	86.5	86.5	86.5
≥ 1200	46.4	75.4	78.5	80.5	83.7	84.3	85.8	87.2	87.5	88.1	88.5	88.5	88.6	88.6	88.6	88.7
≥ 1000	46.8	76.2	79.4	81.6	85.1	85.9	87.7	89.3	89.8	90.5	91.0	91.1	91.3	91.3	91.3	91.4
≥ 900	46.9	76.5	79.8	82.0	85.6	86.4	88.2	90.0	90.5	91.2	91.8	91.8	92.0	92.1	92.2	92.2
≥ 800	46.9	76.7	80.1	82.4	86.2	87.1	89.1	91.1	91.7	92.7	93.3	93.3	93.7	93.8	93.9	93.9
≥ 700	46.9	76.8	80.3	82.6	86.4	87.4	89.5	91.7	92.4	93.5	94.1	94.2	94.6	94.7	94.8	94.8
≥ 600	46.9	76.8	80.3	82.7	86.6	87.6	89.9	92.2	93.1	94.2	94.9	95.0	95.5	95.6	95.7	95.8
≥ 500	46.9	76.8	80.4	82.9	86.9	87.9	90.2	92.7	93.7	94.9	95.9	95.9	96.6	96.7	96.9	96.9
≥ 400	46.9	76.9	80.5	83.0	87.1	88.2	90.6	93.4	94.4	95.8	96.8	96.9	97.6	97.7	97.9	98.0
≥ 300	46.9	76.9	80.5	83.0	87.1	88.2	90.7	93.6	94.8	96.3	97.4	97.5	98.3	98.5	98.8	98.9
≥ 200	46.9	76.9	80.5	83.0	87.1	88.2	90.7	93.7	94.9	96.4	97.5	97.8	98.7	99.0	99.3	99.7
≥ 100	46.9	76.9	80.5	83.0	87.1	88.2	90.7	93.7	94.9	96.5	97.6	97.9	98.8	99.1	99.5	99.9
0	46.9	76.9	80.5	83.0	87.1	88.2	90.7	93.7	94.9	96.5	97.7	97.9	98.8	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6096

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	28.1	42.3	44.1	45.0	45.4	45.4	45.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.8	46.8
≥ 20000	29.2	44.3	46.5	47.4	47.8	47.8	47.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.2	49.2
≥ 18000	29.5	44.9	47.1	48.0	48.4	48.4	48.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.8	49.8
≥ 16000	29.6	45.3	47.4	48.4	48.7	48.7	48.9	49.8	49.8	49.8	49.8	49.8	49.9	49.9	50.2	50.2
≥ 14000	29.6	45.3	47.4	48.4	48.7	48.7	48.9	49.8	49.8	49.8	49.8	49.8	49.9	49.9	50.2	50.2
≥ 12000	29.7	45.5	47.7	48.6	49.0	49.0	49.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.4	50.4
≥ 10000	30.9	47.3	49.5	50.5	50.9	50.9	51.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.3	52.3
≥ 9000	31.1	47.8	49.9	51.0	51.4	51.4	51.5	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.8	52.8
≥ 8000	33.5	50.7	53.2	54.2	54.6	54.6	54.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	56.0	56.0
≥ 7000	34.4	52.4	55.2	56.3	56.6	56.6	56.8	57.7	57.7	57.7	57.7	57.7	57.8	57.8	58.1	58.1
≥ 6000	35.0	53.3	56.0	57.1	57.5	57.5	57.6	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.9	58.9
≥ 5000	35.6	55.0	57.7	58.8	59.1	59.1	59.3	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.6	60.6
≥ 4500	35.8	56.6	59.4	60.6	60.9	60.9	61.1	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.4	62.4
≥ 4000	36.9	60.9	63.9	65.5	65.9	66.1	66.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.6	67.6
≥ 3500	37.3	62.8	65.8	67.6	68.1	68.2	68.5	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.8	69.8
≥ 3000	38.4	65.8	69.1	71.2	71.9	72.0	72.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.7	73.7
≥ 2500	39.3	68.3	72.0	74.4	75.2	75.4	75.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.3	77.3
≥ 2000	41.0	71.7	75.4	77.9	78.9	79.2	79.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.4	81.4
≥ 1800	41.0	72.5	76.3	78.9	79.8	80.2	80.9	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.3	82.3
≥ 1500	41.5	74.0	78.4	80.9	82.0	82.4	83.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.6	84.6
≥ 1200	41.5	74.6	79.0	81.7	83.0	83.5	84.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.7	85.7
≥ 1000	41.5	74.7	79.1	82.3	83.6	84.2	84.9	86.4	86.5	86.5	86.5	86.5	86.6	86.6	86.9	86.9
≥ 900	41.5	75.1	79.6	83.2	84.6	85.1	85.9	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.9	87.9
≥ 800	41.6	75.4	79.9	83.3	84.7	85.2	86.1	87.6	87.9	87.9	88.1	88.1	88.2	88.2	88.4	88.4
≥ 700	41.7	75.6	80.3	83.6	85.1	85.8	87.0	88.8	88.9	89.0	89.1	89.1	89.2	89.2	89.5	89.5
≥ 600	41.7	75.6	80.3	83.6	85.3	86.1	87.3	89.1	89.4	90.0	90.1	90.1	90.2	90.2	90.4	90.4
≥ 500	41.7	75.7	80.5	84.1	85.9	87.3	89.1	91.2	91.9	92.8	92.8	92.8	93.1	93.1	93.3	93.3
≥ 400	41.7	75.7	80.5	84.2	86.1	87.6	89.5	91.8	92.7	93.9	94.3	94.3	94.5	94.5	94.7	94.7
≥ 300	41.7	75.7	80.5	84.2	86.1	87.6	90.1	92.7	94.1	95.5	95.8	95.8	96.3	96.3	96.9	96.9
≥ 200	41.7	75.7	80.5	84.2	86.1	87.6	90.3	93.0	94.4	96.1	96.4	96.7	97.6	98.0	98.8	98.8
≥ 100	41.7	75.7	80.5	84.2	86.1	87.6	90.4	93.1	94.5	96.2	96.5	96.8	97.7	98.1	99.0	99.0
0	41.7	75.7	80.5	84.2	86.1	87.6	90.4	93.1	94.5	96.2	96.5	96.8	97.7	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM 101 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	24.0	39.2	40.0	40.7	41.2	41.5	41.9	42.3	42.3	42.3	42.3	42.3	42.4	42.5	42.5	43.0
≥ 20000	25.7	41.0	42.3	43.0	43.5	43.6	44.2	44.6	44.6	44.6	44.6	44.6	44.7	44.8	44.8	45.3
≥ 18000	26.2	41.6	42.9	43.6	44.1	44.2	44.8	45.2	45.2	45.2	45.2	45.2	45.3	45.4	45.4	45.9
≥ 16000	26.2	41.6	42.9	43.6	44.1	44.2	44.8	45.2	45.2	45.2	45.2	45.2	45.3	45.4	45.4	45.9
≥ 14000	26.4	41.9	43.2	44.1	44.6	44.7	45.3	45.6	45.6	45.6	45.6	45.6	45.8	45.9	45.9	46.4
≥ 12000	26.8	42.8	44.2	45.0	45.5	45.6	46.2	46.7	46.7	46.7	46.7	46.7	46.8	47.0	47.0	47.4
≥ 10000	28.0	44.7	46.4	47.2	47.7	47.8	48.4	48.9	48.9	48.9	48.9	48.9	49.0	49.1	49.1	49.6
≥ 9000	28.1	45.3	47.0	47.8	48.3	48.4	49.0	49.5	49.5	49.5	49.5	49.5	49.6	49.7	49.7	50.2
≥ 8000	29.4	47.4	49.2	50.3	50.9	51.1	51.7	52.2	52.2	52.2	52.2	52.2	52.3	52.4	52.4	52.9
≥ 7000	30.0	48.6	50.5	51.9	52.4	52.7	53.3	53.8	53.8	53.8	53.8	53.8	53.9	54.0	54.0	54.5
≥ 6000	30.6	50.1	52.0	53.3	53.9	54.1	54.7	55.2	55.2	55.2	55.2	55.2	55.3	55.4	55.4	55.9
≥ 5000	30.8	51.1	53.0	54.4	55.0	55.2	55.8	56.3	56.3	56.3	56.3	56.3	56.4	56.5	56.5	57.0
≥ 4500	31.3	52.6	54.5	55.8	56.5	56.8	57.3	57.8	57.8	57.8	57.8	57.8	57.9	58.1	58.1	58.5
≥ 4000	32.5	55.9	58.1	59.5	60.6	61.2	62.1	62.6	62.6	62.6	62.6	62.6	62.7	62.8	62.8	63.3
≥ 3500	33.1	57.9	60.3	61.9	63.1	63.7	64.6	65.1	65.1	65.1	65.1	65.1	65.2	65.4	65.4	65.8
≥ 3000	34.4	61.3	64.2	66.4	68.1	68.8	69.8	70.4	70.4	70.4	70.4	70.4	70.5	70.6	70.6	71.1
≥ 2500	35.8	63.6	67.4	70.4	72.2	72.9	74.0	74.6	74.6	74.6	74.6	74.6	74.7	74.8	74.8	75.3
≥ 2000	37.0	66.2	70.7	73.8	75.7	76.7	78.0	79.1	79.1	79.1	79.1	79.1	79.2	79.3	79.3	79.8
≥ 1800	37.2	66.7	71.2	74.3	76.3	77.3	78.6	79.7	79.7	79.7	79.7	79.7	79.8	79.9	79.9	80.4
≥ 1500	38.5	69.4	74.1	77.3	79.6	80.6	82.1	83.3	83.3	83.3	83.3	83.3	83.4	83.5	83.5	84.0
≥ 1200	38.8	70.5	75.1	78.4	80.6	81.8	83.3	84.5	84.5	84.5	84.5	84.5	84.6	84.7	84.7	85.2
≥ 1000	39.2	71.1	76.1	79.8	82.1	83.4	84.8	86.3	86.3	86.3	86.3	86.3	86.4	86.5	86.5	87.0
≥ 900	39.2	71.7	76.8	80.5	82.8	84.2	85.8	87.2	87.3	87.3	87.3	87.3	87.5	87.6	87.7	88.2
≥ 800	39.3	71.9	77.3	81.0	83.3	84.8	86.5	88.4	88.5	88.6	88.6	88.6	88.8	88.9	89.0	89.5
≥ 700	39.3	72.2	77.5	81.4	83.6	85.3	87.1	89.0	89.2	89.4	89.4	89.4	89.5	89.6	89.7	90.2
≥ 600	39.3	72.2	77.5	81.4	83.9	85.8	87.7	89.6	90.3	90.4	90.7	90.7	90.8	90.9	91.0	91.5
≥ 500	39.3	72.2	77.9	81.8	84.5	86.4	88.9	90.9	91.9	92.0	92.6	92.6	92.7	92.8	93.0	93.4
≥ 400	39.3	72.2	77.9	81.8	84.7	86.6	89.2	91.3	92.5	92.8	93.4	93.4	93.7	93.8	93.9	94.4
≥ 300	39.3	72.2	78.0	82.1	84.9	86.9	90.0	92.6	94.3	94.6	95.3	95.3	95.6	95.9	96.1	96.5
≥ 200	39.3	72.2	78.0	82.1	84.9	86.9	90.4	93.1	94.7	95.2	96.2	96.2	96.8	97.1	97.4	98.1
≥ 100	39.3	72.2	78.0	82.1	84.9	86.9	90.6	93.2	94.9	95.3	96.3	96.3	96.9	97.3	97.8	98.7
≥ 0	39.3	72.2	78.0	82.1	84.9	86.9	90.6	93.2	94.9	95.5	96.4	96.4	97.0	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	22.3	36.1	36.7	37.5	38.6	38.7	39.2	39.2	39.2	39.3	39.5	39.5	39.5	39.7	39.7	39.8
≥ 20000	23.5	38.0	39.2	40.3	41.3	41.5	42.1	42.1	42.1	42.2	42.4	42.4	42.4	42.5	42.5	42.8
≥ 18000	23.7	38.1	39.3	40.4	41.6	41.7	42.3	42.3	42.3	42.4	42.7	42.7	42.7	42.8	42.8	43.0
≥ 16000	23.9	38.5	39.7	40.7	41.9	42.1	42.7	42.7	42.7	42.8	43.0	43.0	43.0	43.1	43.1	43.4
≥ 14000	23.9	38.6	39.8	40.9	42.1	42.2	42.8	42.8	42.8	42.9	43.1	43.1	43.1	43.2	43.2	43.5
≥ 12000	24.1	38.9	40.3	41.3	42.5	42.7	43.2	43.2	43.2	43.4	43.6	43.6	43.6	43.7	43.7	44.0
≥ 10000	25.3	40.6	41.9	43.0	44.3	44.4	45.0	45.0	45.0	45.2	45.4	45.4	45.4	45.5	45.5	45.8
≥ 9000	25.8	41.5	43.0	44.1	45.4	45.5	46.1	46.1	46.1	46.2	46.5	46.5	46.5	46.6	46.6	46.8
≥ 8000	27.7	43.8	45.5	46.6	48.0	48.1	48.9	48.9	48.9	49.0	49.2	49.2	49.2	49.3	49.3	49.6
≥ 7000	28.4	45.2	46.8	47.9	49.5	49.6	50.3	50.3	50.3	50.4	50.7	50.7	50.7	50.8	50.8	51.0
≥ 6000	28.9	46.1	47.8	48.9	50.4	50.5	51.3	51.3	51.3	51.4	51.6	51.6	51.6	51.7	51.7	52.0
≥ 5000	29.9	48.1	50.1	51.5	53.2	53.3	54.0	54.1	54.1	54.2	54.5	54.5	54.5	54.6	54.6	54.8
≥ 4500	30.1	49.1	51.1	52.6	54.4	54.5	55.2	55.4	55.4	55.6	55.8	55.8	55.8	55.9	55.9	56.2
≥ 4000	31.8	54.0	56.2	57.8	59.9	60.0	60.7	60.9	60.9	61.1	61.4	61.4	61.4	61.5	61.5	61.8
≥ 3500	32.5	55.9	58.5	60.5	62.6	62.7	63.4	63.7	63.7	63.8	64.2	64.2	64.2	64.3	64.3	64.5
≥ 3000	33.5	58.4	61.6	63.6	66.7	66.8	67.7	68.1	68.1	68.3	68.7	68.7	68.7	68.8	68.8	69.1
≥ 2500	34.4	61.5	65.0	67.3	70.3	70.4	71.4	71.8	72.0	72.3	72.6	72.6	72.6	72.8	72.8	73.0
≥ 2000	35.6	63.7	67.3	69.9	73.5	73.6	75.1	75.7	76.2	76.5	76.8	76.8	76.8	76.9	76.9	77.2
≥ 1800	35.8	64.4	68.1	70.8	74.4	74.6	76.1	76.7	77.2	77.4	77.8	77.8	77.8	77.9	77.9	78.1
≥ 1500	38.0	68.0	72.0	74.9	78.5	78.6	80.5	81.5	82.0	82.2	82.6	82.6	82.6	82.7	82.7	82.9
≥ 1200	38.2	68.7	72.8	75.9	79.5	79.6	81.6	82.6	83.0	83.4	83.8	83.8	83.8	83.9	83.9	84.1
≥ 1000	38.4	68.9	73.0	76.2	80.0	80.3	82.6	83.6	84.1	84.5	84.8	84.8	84.8	84.9	84.9	85.2
≥ 900	38.5	70.0	74.1	77.4	81.4	81.7	84.0	85.2	85.7	86.1	86.5	86.5	86.5	86.6	86.6	86.9
≥ 800	38.8	70.5	75.0	78.6	82.8	83.2	85.5	87.0	87.5	88.2	88.6	88.6	88.6	88.8	88.8	89.0
≥ 700	38.8	70.5	75.1	78.7	82.9	83.3	85.7	87.1	87.6	88.5	89.2	89.2	89.2	89.4	89.4	89.6
≥ 600	38.8	70.5	75.1	78.7	83.0	83.4	86.0	87.5	88.2	89.2	90.1	90.1	90.2	90.3	90.3	90.6
> 500	38.9	70.7	75.9	79.5	83.9	84.2	87.1	89.4	90.4	91.6	92.6	92.6	92.7	93.0	93.0	93.2
≥ 400	38.9	70.7	75.9	79.5	84.0	84.6	87.7	90.6	91.9	92.8	93.9	93.9	94.3	94.5	94.5	94.9
≥ 300	38.9	70.7	76.0	79.6	84.1	84.7	87.8	90.9	92.1	93.5	95.0	95.0	95.5	95.7	95.7	96.5
≥ 200	38.9	70.7	76.0	79.7	84.2	84.8	87.9	91.4	92.6	94.1	95.7	95.7	96.4	96.8	97.0	98.2
≥ 100	38.9	70.7	76.0	79.7	84.2	84.8	87.9	91.5	92.7	94.3	95.9	95.9	96.8	97.1	97.6	99.6
≥ 0	38.9	70.7	76.0	79.7	84.2	84.8	87.9	91.5	92.7	94.3	95.9	95.9	96.8	97.1	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	26.8	38.5	39.2	39.7	39.9	40.0	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5	40.6
≥ 20000	28.8	41.8	42.5	43.0	43.5	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4	44.6
≥ 18000	28.9	42.1	42.8	43.2	43.7	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.8
≥ 16000	29.0	42.5	43.2	43.7	44.2	44.4	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.3
≥ 14000	29.2	42.9	43.7	44.2	44.7	44.9	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.6	45.8
≥ 12000	29.4	43.5	44.3	44.8	45.3	45.5	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.4
≥ 10000	30.5	45.2	46.0	46.7	47.2	47.4	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.3
≥ 9000	31.1	45.8	46.6	47.3	47.8	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.9	48.9	49.0
≥ 8000	32.3	47.6	48.4	49.2	49.7	49.9	50.7	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.9
≥ 7000	33.2	49.2	50.1	50.9	51.5	51.7	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.7
≥ 6000	33.5	49.7	50.5	51.4	52.0	52.2	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.2
≥ 5000	34.3	51.7	52.8	53.9	54.5	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.7
≥ 4500	34.4	52.4	53.5	54.7	55.3	55.6	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.6
≥ 4000	35.2	56.3	57.6	59.0	59.9	60.1	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.2	61.3
≥ 3500	36.4	59.3	60.7	62.2	63.2	63.6	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.6	64.8
≥ 3000	38.1	62.4	63.8	65.6	66.7	67.0	68.2	68.7	68.7	68.9	68.9	68.9	69.1	69.2	69.3
≥ 2500	39.3	66.2	67.7	69.5	71.0	71.3	72.6	73.5	73.5	73.8	73.8	73.8	74.0	74.1	74.2
≥ 2000	41.0	69.7	71.4	73.5	74.9	75.4	76.8	77.7	77.7	78.1	78.1	78.1	78.4	78.5	78.6
≥ 1800	41.5	70.7	72.6	74.7	76.1	76.6	78.0	78.9	78.9	79.3	79.3	79.3	79.6	79.7	79.8
≥ 1500	42.7	72.8	75.1	77.3	79.5	80.0	81.7	82.7	82.9	83.4	83.6	83.6	83.9	84.0	84.1
≥ 1200	42.7	72.9	75.3	77.5	79.8	80.4	82.4	83.6	84.0	84.7	84.9	84.9	85.2	85.3	85.4
≥ 1000	43.0	73.5	76.1	78.4	81.0	81.6	84.3	85.7	86.0	86.9	87.3	87.3	87.6	87.7	87.8
≥ 900	43.2	74.0	76.7	79.0	81.7	82.4	85.2	86.5	86.9	87.9	88.4	88.5	88.8	88.9	89.0
≥ 800	43.4	74.6	77.4	79.7	82.8	83.5	86.3	87.6	87.9	89.0	89.5	89.6	89.8	90.0	90.1
≥ 700	43.4	74.8	77.7	79.9	83.2	83.9	86.6	88.4	88.9	90.2	90.7	90.8	91.2	91.3	91.4
≥ 600	43.4	74.8	77.7	79.9	83.3	84.0	87.0	88.9	89.5	90.8	91.4	91.5	91.9	92.0	92.1
≥ 500	43.7	75.1	78.3	80.5	84.1	84.8	88.2	90.4	91.0	92.5	93.4	93.5	93.9	94.0	94.1
≥ 400	43.7	75.1	78.3	80.5	84.2	84.9	88.5	91.2	91.8	93.3	94.5	94.6	95.2	95.3	95.5	95.6
≥ 300	43.7	75.1	78.3	80.6	84.5	85.2	88.8	91.6	92.6	94.6	96.1	96.2	97.1	97.3	97.4	97.8
≥ 200	43.7	75.1	78.3	80.6	84.5	85.2	88.8	91.6	92.7	94.7	96.7	96.8	98.0	98.2	99.0	99.8
≥ 100	43.7	75.1	78.3	80.6	84.5	85.2	88.8	91.6	92.7	94.7	96.7	96.8	98.0	98.2	99.2	100.0
0	43.7	75.1	78.3	80.6	84.5	85.2	88.8	91.6	92.7	94.7	96.7	96.8	98.0	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	26.4	38.6	39.1	39.1	39.4	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 20000	28.8	42.1	42.5	42.5	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 18000	28.9	42.4	42.9	42.9	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 16000	28.9	42.4	42.9	42.9	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 14000	29.7	43.6	44.1	44.1	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 12000	30.0	44.4	44.9	44.9	45.8	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 10000	30.8	46.6	47.1	47.1	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 9000	30.8	47.0	47.4	47.4	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 8000	31.9	48.6	49.1	49.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 7000	33.1	50.3	50.8	50.9	51.9	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 6000	34.1	51.9	52.3	52.4	53.4	53.4	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 5000	35.5	54.5	55.0	55.2	56.2	56.2	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4500	35.6	55.1	55.7	55.9	56.9	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 4000	36.1	59.0	59.9	60.3	61.3	61.3	61.8	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2	62.2
≥ 3500	37.2	62.0	62.8	63.3	64.3	64.3	64.8	64.9	64.9	65.0	65.0	65.0	65.2	65.2	65.2	65.2
≥ 3000	40.3	67.9	68.8	69.3	70.5	70.5	71.0	71.2	71.2	71.4	71.4	71.4	71.7	71.7	71.7	71.7
≥ 2500	41.1	70.5	71.7	72.2	73.5	73.7	74.4	74.7	74.7	74.9	74.9	74.9	75.1	75.1	75.1	75.1
≥ 2000	43.6	74.7	76.3	76.9	78.3	78.5	79.3	79.6	79.6	79.8	79.8	79.8	80.0	80.0	80.3	80.3
≥ 1800	43.6	74.8	76.5	77.2	78.5	78.7	79.6	79.8	79.8	80.0	80.0	80.0	80.3	80.3	80.5	80.5
≥ 1500	44.4	77.1	79.0	80.0	82.2	82.4	83.4	83.8	83.8	84.6	84.6	84.6	84.8	84.8	85.1	85.1
≥ 1200	44.9	77.9	79.9	81.2	83.5	83.9	85.2	85.8	85.8	86.6	86.6	86.6	86.9	86.9	87.1	87.1
≥ 1000	45.0	78.5	80.8	82.1	84.3	84.9	86.5	87.1	87.2	88.1	88.1	88.1	88.3	88.3	88.5	88.5
≥ 900	45.4	79.3	81.6	82.9	85.3	85.9	87.5	88.2	88.3	89.1	89.1	89.1	89.4	89.4	89.6	89.6
≥ 800	45.8	80.2	82.6	83.9	86.3	86.9	88.6	89.5	89.7	90.7	90.8	90.8	91.3	91.3	91.5	91.5
≥ 700	45.8	80.3	82.7	84.2	87.0	87.6	89.6	90.3	90.7	91.9	92.0	92.0	92.5	92.5	92.7	92.7
≥ 600	45.8	80.6	83.3	84.8	87.7	88.3	90.8	91.8	92.2	93.4	93.7	93.7	94.1	94.1	94.4	94.4
≥ 500	45.8	80.6	83.6	85.3	88.6	89.4	92.0	93.2	93.7	95.0	95.3	95.3	95.9	95.9	96.2	96.2
≥ 400	45.9	80.6	83.6	85.3	88.8	89.5	92.4	93.8	94.3	95.6	95.9	95.9	96.7	96.7	96.9	96.9
≥ 300	45.8	80.6	83.6	85.3	88.8	89.5	92.5	94.4	95.3	96.8	97.1	97.1	98.0	98.0	98.2	98.2
≥ 200	45.8	80.6	83.6	85.3	88.8	89.5	92.5	94.4	95.3	97.0	97.6	97.6	98.6	98.6	99.3	99.8
≥ 100	45.8	80.6	83.6	85.3	88.8	89.5	92.5	94.4	95.3	97.0	97.6	97.6	98.7	98.7	99.5	100.0
0	45.8	80.6	83.6	85.3	88.8	89.5	92.5	94.4	95.3	97.0	97.6	97.6	98.7	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS - LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	25.7	38.8	39.2	39.4	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 20000	28.6	42.9	43.2	43.5	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 18000	29.3	44.2	44.6	44.8	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 6000	29.4	44.3	44.7	44.9	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 14000	29.7	45.0	45.4	45.6	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 12000	30.8	46.8	47.3	47.7	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 10000	32.0	48.9	49.3	49.7	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9000	32.5	50.2	50.7	51.0	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 8000	33.7	52.7	53.3	53.6	54.0	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 7000	35.2	55.0	55.6	55.9	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 6000	35.8	56.2	56.9	57.2	57.7	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 5000	36.8	58.5	59.3	59.7	60.2	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4500	36.8	58.9	59.6	60.1	60.6	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 4000	37.5	61.5	62.2	63.2	64.0	64.3	64.6	64.6	64.6	64.6	64.8	64.8	64.9	64.9	64.9	64.9
≥ 3500	38.1	64.5	65.2	66.2	67.0	67.4	67.7	67.7	67.7	67.7	67.9	67.9	68.0	68.0	68.0	68.0
≥ 3000	41.2	70.4	71.2	72.4	73.6	74.0	74.6	74.6	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9
≥ 2500	42.4	72.6	73.5	74.7	76.0	76.3	77.2	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5
≥ 2000	44.0	75.9	77.5	78.7	80.2	80.5	81.4	81.4	81.7	81.8	82.1	82.1	82.2	82.2	82.2	82.2
≥ 1800	44.1	76.1	77.8	79.0	80.5	80.9	81.7	81.7	82.1	82.2	82.4	82.4	82.6	82.6	82.6	82.6
≥ 1500	45.4	78.4	80.2	81.5	83.4	83.8	85.1	85.2	85.5	86.5	86.9	86.9	87.0	87.0	87.0	87.0
≥ 1200	46.2	79.5	81.2	82.7	84.6	85.5	86.9	87.0	87.3	88.4	88.8	88.8	88.9	88.9	88.9	88.9
≥ 1000	46.2	80.0	81.8	83.3	85.4	86.3	87.6	88.1	88.4	89.5	90.0	90.0	90.1	90.1	90.1	90.1
≥ 900	46.5	80.4	82.2	83.6	86.0	87.0	88.4	88.9	89.2	90.3	90.8	90.8	90.9	90.9	90.9	90.9
≥ 800	46.7	81.0	82.9	84.3	87.0	87.9	89.5	90.0	90.3	91.4	92.0	92.0	92.1	92.1	92.1	92.1
≥ 700	46.7	81.1	83.0	84.5	87.1	88.1	89.6	90.1	90.4	91.5	92.1	92.1	92.2	92.4	92.4	92.4
≥ 600	46.7	81.1	83.0	84.6	87.6	88.5	90.3	90.8	91.2	92.5	93.1	93.1	93.3	93.4	93.4	93.4
≥ 500	46.7	81.1	83.5	85.2	88.4	89.4	91.5	92.0	92.4	93.7	94.5	94.5	94.9	95.0	95.0	95.0
≥ 400	46.7	81.2	83.6	85.3	88.6	89.6	91.9	92.4	92.8	94.1	95.2	95.2	95.6	95.7	95.8	95.8
≥ 300	46.7	81.2	83.6	85.3	88.6	89.7	92.0	92.7	93.5	95.1	96.5	96.8	97.3	97.4	97.5	97.5
≥ 200	46.7	81.2	83.6	85.3	88.6	89.7	92.0	92.7	93.5	95.5	97.0	97.0	97.7	98.1	98.6	98.8
≥ 100	46.7	81.2	83.6	85.3	88.6	89.7	92.0	92.7	93.5	95.6	97.4	97.4	98.2	98.7	99.3	99.5
≥ 0	46.7	81.2	83.6	85.3	88.6	89.7	92.0	92.7	93.5	95.6	97.4	97.4	98.2	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥½	≥¼	≥5/16	≥0	
NO CEILING	27.2	40.7	41.4	42.0	42.6	42.8	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 20000	29.9	44.4	45.1	45.7	46.3	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 18000	30.3	44.9	45.6	46.2	46.8	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 16000	30.4	45.1	45.8	46.4	47.0	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 14000	30.4	45.5	46.2	46.8	47.4	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 12000	31.0	46.7	47.4	48.0	48.6	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 11000	32.4	48.6	49.4	50.0	50.6	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 9000	32.8	49.4	50.2	50.8	51.4	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 8000	34.0	51.6	52.5	53.3	53.9	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 7000	34.4	53.2	54.3	55.1	55.7	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 6000	35.4	55.1	56.2	57.1	57.7	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 5000	36.5	57.9	59.1	60.3	60.9	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 4500	36.6	59.2	60.4	61.7	62.3	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 4000	38.2	63.8	65.0	66.5	67.2	67.6	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3500	39.1	66.4	67.7	69.4	70.3	70.7	71.1	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3000	41.1	70.9	72.4	74.4	75.4	75.7	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 2500	42.5	73.1	75.2	77.5	78.7	79.2	79.5	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2000	43.2	75.0	77.3	79.9	81.3	81.9	82.4	82.9	83.1	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	43.7	75.6	77.9	80.5	82.1	82.6	83.3	83.7	84.0	84.4	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1500	44.1	76.2	78.6	81.7	83.5	84.3	84.9	85.4	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	44.3	76.8	79.2	82.4	84.2	85.3	86.0	86.7	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1000	44.9	77.6	80.0	83.4	85.2	86.2	87.1	88.2	88.4	88.9	89.0	89.0	89.2	89.2	89.2	89.2
≥ 900	45.1	78.1	80.5	84.1	86.1	87.2	88.2	89.2	89.5	90.1	90.3	90.3	90.6	90.6	90.6	90.6
≥ 800	45.1	78.5	80.9	84.6	86.6	87.9	88.8	89.8	90.1	90.7	90.9	90.9	91.1	91.1	91.1	91.1
≥ 700	45.1	78.5	80.9	84.7	86.7	88.2	89.0	90.1	90.6	91.0	91.3	91.3	91.6	91.6	91.7	91.7
≥ 600	45.1	78.5	80.9	84.7	86.8	88.4	89.2	90.3	91.0	91.7	92.0	92.0	92.3	92.3	92.5	92.5
≥ 500	45.1	78.5	81.0	84.8	87.1	88.6	89.6	90.7	91.6	92.3	92.6	92.6	93.3	93.3	93.7	93.7
≥ 400	45.1	78.6	81.1	85.2	87.9	89.7	90.9	92.1	93.3	94.5	95.3	95.3	96.1	96.1	96.4	96.4
≥ 300	45.1	78.6	81.1	85.2	87.9	89.7	90.9	92.1	93.9	95.5	96.6	96.6	97.4	97.4	97.7	97.8
≥ 200	45.1	78.6	81.1	85.2	87.9	89.7	90.9	92.1	93.9	95.6	96.5	96.7	97.6	97.7	98.3	98.6
≥ 100	45.1	78.6	81.1	85.2	87.9	89.7	90.9	92.1	93.9	95.6	96.5	96.7	97.6	97.7	98.3	99.2
≥ 0	45.1	78.6	81.1	85.2	87.9	89.7	90.9	92.1	93.9	95.6	96.5	96.7	97.6	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 836

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.3	45.2	46.1	47.2	47.7	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1
≥ 20000	31.4	48.3	49.3	50.4	50.9	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6
≥ 18000	31.8	48.7	49.8	50.9	51.4	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2
≥ 16000	31.9	48.9	49.9	51.0	51.5	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
≥ 14000	32.3	49.3	50.4	51.5	52.0	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8
≥ 12000	32.5	49.8	50.9	52.0	52.4	52.9	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
≥ 10000	33.1	50.4	51.5	52.6	53.0	53.5	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9
≥ 9000	33.1	50.4	51.5	52.6	53.0	53.5	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9
≥ 8000	35.4	53.5	54.7	55.8	56.4	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
≥ 7000	35.6	54.4	55.8	57.1	57.7	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5
≥ 6000	36.7	56.4	57.9	59.3	59.9	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7
≥ 5000	37.0	59.1	60.8	62.5	63.1	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9
≥ 4500	37.0	60.2	61.9	63.6	64.2	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0
≥ 4000	37.5	64.5	66.4	68.5	69.4	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.3
≥ 3500	37.6	66.3	68.5	70.5	71.7	72.2	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 3000	38.7	68.8	71.2	73.6	74.9	75.4	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 2500	40.3	71.7	74.4	76.9	79.0	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2
≥ 2000	40.6	72.8	75.6	78.9	81.1	81.6	82.1	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8
≥ 1800	41.0	73.2	76.1	79.5	81.7	82.2	82.7	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4
≥ 1500	41.1	73.8	76.8	80.6	83.5	84.0	84.5	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.4
≥ 1200	41.1	74.6	77.7	81.7	84.6	85.1	85.5	86.1	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.6
≥ 1000	41.2	75.3	78.5	82.7	85.7	86.1	86.6	87.2	87.2	87.3	87.8	87.8	87.8	87.8	87.8	87.9
≥ 900	41.6	75.6	79.1	83.3	86.3	86.7	87.5	88.1	88.1	88.2	88.6	88.6	88.6	88.6	88.6	88.8
≥ 800	41.6	75.9	79.6	83.9	87.0	87.6	88.5	89.1	89.1	89.4	89.8	90.1	90.1	90.1	90.1	90.2
≥ 700	41.6	76.2	79.9	84.3	87.7	88.3	89.4	90.0	90.0	90.4	90.9	91.2	91.2	91.2	91.2	91.3
≥ 600	41.6	76.2	79.9	84.3	87.8	88.4	89.5	90.3	90.8	91.3	91.8	92.0	92.0	92.0	92.0	92.1
≥ 500	41.6	76.2	79.9	84.3	87.8	88.4	89.8	91.3	91.8	92.5	93.0	93.2	93.3	93.3	93.3	93.4
≥ 400	41.6	76.5	80.2	84.7	88.4	89.0	90.4	92.0	92.7	94.1	95.0	95.2	95.3	95.3	95.3	95.5
≥ 300	41.6	76.5	80.2	84.7	88.5	89.2	90.9	92.6	93.8	95.6	96.4	96.7	97.3	97.3	97.3	97.6
≥ 200	41.6	76.5	80.2	84.7	88.5	89.2	91.0	92.7	93.9	95.8	96.8	97.0	98.0	98.0	98.1	98.4
≥ 100	41.6	76.5	80.2	84.7	88.5	89.2	91.0	92.7	93.9	95.8	96.9	97.1	98.2	98.3	98.8	99.3
≥ 0	41.6	76.5	80.2	84.7	88.5	89.2	91.0	92.7	93.9	95.8	96.9	97.1	98.2	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM 10 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	26.2	39.9	40.7	41.3	41.8	41.9	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.6
≥ 20000	28.2	42.8	43.6	44.5	45.1	45.2	45.5	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.9	46.0
≥ 18000	28.6	43.4	44.4	45.0	45.6	45.8	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.5
≥ 16000	28.7	43.6	44.6	45.2	45.8	46.0	46.3	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.8
≥ 14000	28.9	44.0	45.0	45.7	46.3	46.5	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.2
≥ 12000	29.3	44.6	45.9	46.5	47.2	47.3	47.6	47.8	47.8	47.9	47.9	47.9	47.9	48.0	48.0	48.1
≥ 10000	30.4	46.5	47.6	48.3	49.0	49.2	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.9
≥ 9000	30.6	47.2	48.3	49.0	49.6	49.8	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.5	50.5	50.6
≥ 8000	32.2	49.5	50.7	51.5	52.2	52.4	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.2
≥ 7000	33.1	51.0	52.4	53.2	54.0	54.2	54.5	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.9	55.0
≥ 6000	33.7	52.3	53.7	54.6	55.3	55.5	55.9	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.4
≥ 5000	34.5	54.5	56.0	57.0	57.6	58.0	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.8
≥ 4500	34.7	55.5	57.0	58.1	58.9	59.1	59.5	59.7	59.7	59.7	59.8	59.8	59.8	59.9	59.9	60.0
≥ 4000	35.7	59.5	61.2	62.5	63.5	63.8	64.3	64.6	64.6	64.6	64.6	64.6	64.7	64.8	64.8	64.9
≥ 3500	36.4	61.9	63.7	65.2	66.3	66.6	67.1	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.7	67.8
≥ 3000	38.2	65.7	67.8	69.6	71.0	71.3	71.9	72.3	72.3	72.4	72.5	72.5	72.6	72.6	72.7	72.8
≥ 2500	39.4	68.5	70.9	72.9	74.5	74.8	75.6	76.1	76.1	76.3	76.3	76.3	76.4	76.4	76.5	76.6
≥ 2000	40.7	71.2	74.0	76.2	78.0	78.4	79.4	80.0	80.1	80.3	80.4	80.4	80.5	80.6	80.6	80.7
≥ 1800	41.0	71.8	74.6	76.8	78.7	79.1	80.1	80.7	80.8	81.0	81.1	81.1	81.2	81.3	81.3	81.5
≥ 1500	42.0	73.7	76.8	79.3	81.5	82.0	83.2	83.9	84.0	84.4	84.6	84.6	84.7	84.7	84.8	84.9
≥ 1200	42.2	74.4	77.5	80.2	82.5	83.1	84.4	85.2	85.4	85.8	86.0	86.0	86.1	86.1	86.2	86.3
≥ 1000	42.4	75.0	78.2	81.0	83.4	84.1	85.6	86.6	86.8	87.2	87.5	87.5	87.6	87.6	87.7	87.8
≥ 900	42.6	75.5	78.8	81.7	84.3	85.0	86.5	87.6	87.8	88.3	88.6	88.6	88.7	88.8	88.9	89.0
≥ 800	42.6	76.0	79.4	82.4	85.0	85.9	87.5	88.6	88.9	89.5	89.8	89.8	90.0	90.1	90.1	90.2
≥ 700	42.8	76.2	79.6	82.7	85.5	86.3	88.0	89.2	89.5	90.2	90.6	90.6	90.8	90.9	91.0	91.1
≥ 600	42.8	76.2	79.7	82.8	85.7	86.6	88.5	89.6	90.4	91.2	91.6	91.6	91.9	91.9	92.0	92.1
≥ 500	42.9	76.3	80.1	83.2	86.3	87.3	89.6	91.1	91.8	92.8	93.4	93.4	93.7	93.8	93.9	94.0
≥ 400	42.9	76.3	80.1	83.3	86.6	87.7	90.1	91.9	92.7	93.9	94.7	94.7	95.2	95.2	95.4	95.5
≥ 300	42.9	76.3	80.2	83.4	86.7	87.8	90.4	92.3	93.7	95.1	96.1	96.1	96.6	96.9	97.1	97.4
≥ 200	42.9	76.3	80.2	83.4	86.7	87.8	90.5	92.4	93.9	95.5	96.6	96.7	97.4	97.8	98.3	98.8
≥ 100	42.9	76.3	80.2	83.4	86.7	87.8	90.5	92.7	93.9	95.6	96.7	96.8	97.8	98.0	98.7	99.4
0	42.9	76.3	80.2	83.4	86.7	87.8	90.5	92.7	93.9	95.6	96.7	96.8	97.8	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6695

USAF ETAC FORM 101 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.7	51.5	51.7	52.1	53.0	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3	53.3	53.3	53.5
≥ 20000	39.8	54.2	54.4	54.8	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.2
≥ 18000	39.8	54.2	54.4	54.8	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.2
≥ 16000	39.8	54.2	54.4	54.8	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.2
≥ 14000	40.2	54.7	54.9	55.3	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.5	56.5	56.5	56.7
≥ 12000	40.5	55.1	55.3	55.7	56.5	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.9	56.9	56.9	57.0
≥ 10000	42.2	57.4	57.7	58.0	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.3	59.3	59.3	59.4
≥ 9000	42.3	57.8	58.0	58.4	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.8
≥ 8000	43.3	59.4	59.9	60.4	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.6	61.6	61.6	61.7
≥ 7000	43.8	60.0	60.5	61.0	61.9	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.2	62.2	62.2	62.3
≥ 6000	44.7	61.7	62.2	62.7	63.6	63.7	63.7	63.7	63.7	63.7	63.8	63.8	64.0	64.0	64.0	64.1
≥ 5000	45.8	64.0	64.7	65.3	66.3	66.4	66.4	66.5	66.5	66.5	66.7	66.7	66.8	66.8	66.8	66.9
≥ 4500	45.9	64.6	65.3	65.9	66.9	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.5
≥ 4000	47.5	69.8	70.6	71.2	72.2	72.3	72.3	72.5	72.7	72.7	72.8	72.8	73.0	73.0	73.0	73.1
≥ 3500	49.1	72.6	73.5	74.2	75.2	75.3	75.3	75.4	75.7	75.7	75.8	75.8	75.9	75.9	75.9	76.0
≥ 3000	50.1	74.4	75.3	76.3	77.3	77.4	77.4	77.5	77.8	77.8	77.9	77.9	78.0	78.0	78.0	78.1
≥ 2500	51.0	75.9	76.8	77.8	78.8	78.9	78.9	79.0	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.6
≥ 2000	51.7	78.0	79.0	80.1	81.1	81.2	81.2	81.4	81.6	81.6	81.7	81.7	81.9	81.9	81.9	82.0
≥ 1800	52.3	79.1	80.1	81.2	82.3	82.5	82.5	82.6	82.8	82.8	83.0	83.0	83.1	83.1	83.1	83.2
≥ 1500	53.3	8 .3	83.5	84.8	86.0	86.2	86.2	86.3	86.5	86.5	86.7	86.7	86.8	86.8	86.9	87.0
≥ 1200	53.6	83.0	84.2	85.6	86.8	86.9	86.9	87.0	87.3	87.3	87.4	87.4	87.5	87.5	87.7	87.8
≥ 1000	53.6	84.0	85.2	86.5	87.8	87.9	88.0	88.1	88.4	88.4	88.9	88.9	89.1	89.1	89.3	89.4
≥ 900	53.8	84.2	85.7	87.0	88.3	88.4	88.5	88.6	88.9	88.9	89.4	89.4	89.6	89.6	89.8	89.9
≥ 800	53.8	84.4	85.9	87.3	88.5	88.6	88.8	88.9	89.4	89.5	90.0	90.0	90.2	90.2	90.4	90.5
≥ 700	54.0	85.1	86.8	88.1	89.5	89.6	89.8	89.9	90.4	90.5	91.0	91.0	91.2	91.2	91.4	91.5
≥ 600	54.0	85.7	87.4	88.9	90.5	90.6	90.7	90.9	91.4	91.5	92.0	92.0	92.2	92.2	92.3	92.5
≥ 500	54.0	85.9	87.9	89.6	91.4	91.5	91.6	91.9	92.3	92.5	93.0	93.0	93.2	93.2	93.3	93.5
≥ 400	54.0	85.9	87.9	89.6	91.9	92.0	93.0	93.8	94.0	94.1	94.6	94.6	94.8	94.8	95.1	95.2
≥ 300	54.0	85.9	87.9	89.6	92.2	92.3	93.7	94.6	95.3	95.4	95.9	96.0	96.3	96.4	96.8	97.0
≥ 200	54.0	85.9	87.9	89.6	92.2	92.5	94.3	95.2	95.9	96.2	96.9	97.3	97.7	97.8	98.4	99.0
≥ 100	54.0	85.9	87.9	89.6	92.2	92.5	94.4	95.4	96.3	96.5	97.3	97.7	98.0	98.1	98.8	99.5
≥ 0	54.0	85.9	87.9	89.6	92.2	92.5	94.4	95.4	96.3	96.5	97.3	97.7	98.0	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.1	49.3	49.8	49.9	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000	37.7	53.2	53.7	53.8	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	37.7	53.2	53.7	53.8	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	37.9	53.6	54.1	54.2	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000	37.9	53.8	54.3	54.4	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	38.1	54.2	54.7	54.8	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 10000	39.5	57.0	57.5	58.0	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000	39.8	57.7	58.2	58.8	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 8000	40.9	60.0	60.5	61.0	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 7000	41.5	60.7	61.6	61.7	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 6000	41.7	61.9	62.2	62.3	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 5000	43.7	64.3	65.3	65.4	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 4500	44.1	64.9	65.9	66.0	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4000	46.7	70.2	71.6	71.9	72.3	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500	48.4	72.8	74.2	74.4	74.9	74.9	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3000	49.4	74.6	76.3	76.9	77.4	77.8	78.0	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2500	50.5	77.4	78.9	79.5	80.0	80.1	80.6	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2000	51.4	79.5	81.0	81.6	82.1	82.3	82.8	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	51.4	79.5	81.0	81.7	82.2	82.5	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	53.1	83.1	84.6	85.4	85.9	86.2	86.8	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	53.3	83.6	85.3	86.2	86.7	86.9	87.5	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	53.3	84.7	86.2	87.0	87.5	87.8	88.6	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	53.3	85.3	86.8	87.7	88.1	88.4	89.3	89.6	89.9	90.1	90.2	90.2	90.4	90.4	90.4	90.4
≥ 800	53.3	85.3	86.8	87.7	88.3	88.4	89.3	89.6	89.9	90.4	90.5	90.5	90.7	90.7	90.7	90.7
≥ 700	53.5	85.8	87.4	88.3	88.8	89.0	89.9	90.2	90.8	91.0	91.1	91.1	91.4	91.4	91.4	91.4
≥ 600	53.5	86.0	88.1	89.0	89.5	89.8	90.6	91.0	91.2	91.7	91.9	91.9	92.1	92.1	92.1	92.1
≥ 500	53.5	86.0	88.1	89.4	90.1	90.5	91.5	92.0	92.2	92.7	92.8	92.8	93.1	93.1	93.1	93.1
≥ 400	53.5	86.0	88.4	89.5	90.9	91.2	92.4	93.2	93.6	94.1	94.3	94.3	94.6	94.6	94.6	94.6
≥ 300	53.5	86.3	89.0	90.1	91.5	91.9	93.1	94.0	95.3	95.8	96.0	96.0	96.3	96.3	96.3	96.3
≥ 200	53.5	86.4	89.1	90.2	91.9	92.2	93.6	95.3	95.7	96.2	96.5	96.7	96.9	97.0	97.2	97.6
≥ 100	53.5	86.4	89.2	90.2	91.9	92.2	93.8	95.3	95.8	96.3	96.7	96.8	97.0	97.5	97.7	99.0
0	53.5	86.4	89.1	90.2	91.9	92.2	93.8	95.3	95.8	96.3	96.7	96.8	97.0	97.5	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM NO. 8M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.4	44.3	44.6	44.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4
≥ 20000	34.7	48.6	48.9	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.9	49.9
≥ 18000	34.8	49.0	49.3	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.4	50.4
≥ 16000	34.8	49.0	49.3	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.4	50.4
≥ 14000	35.8	50.6	50.9	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9	52.0	52.0
≥ 12000	37.0	52.1	52.3	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.5	53.5
≥ 10000	39.3	55.6	55.8	56.3	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.9	56.9	57.0	57.3	57.3
≥ 9000	39.8	56.0	56.3	56.8	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.5	57.8	57.8
≥ 8000	42.2	60.2	60.5	61.0	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.7	61.7	62.0	62.3	62.3
≥ 7000	42.8	61.5	61.9	62.3	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.6	64.0	64.0
≥ 6000	43.5	62.8	63.2	63.8	64.4	64.4	64.6	64.7	64.7	64.7	64.7	64.8	64.8	65.1	65.4	65.4
≥ 5000	44.3	64.3	64.8	65.8	66.4	66.4	66.5	66.7	66.7	66.7	66.7	66.8	66.9	67.2	67.5	67.5
≥ 4500	44.6	64.7	65.2	66.2	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.2	67.3	67.5	67.9	67.9
≥ 4000	46.7	69.3	69.8	70.9	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.9	72.0	72.2	72.6	72.6
≥ 3500	47.0	70.2	70.9	72.0	72.6	72.6	72.7	72.8	72.8	72.8	72.8	73.0	73.1	73.3	73.7	73.7
≥ 3000	48.0	72.8	73.7	74.8	75.7	75.7	75.8	75.9	76.3	76.3	76.3	76.4	76.5	76.8	77.2	77.2
≥ 2500	49.1	74.8	75.9	77.0	78.1	78.1	78.3	78.4	78.8	78.8	78.8	78.9	79.0	79.3	79.6	79.6
≥ 2000	50.2	77.3	78.5	79.8	80.9	80.9	81.0	81.1	81.5	81.5	81.5	81.6	81.7	82.0	82.3	82.3
≥ 1800	50.5	77.9	79.1	80.4	81.5	81.5	81.6	81.7	82.1	82.1	82.1	82.2	82.3	82.6	83.0	83.0
≥ 1500	52.1	80.7	82.0	83.5	84.7	84.8	85.1	85.2	85.7	85.7	85.7	85.8	85.9	86.2	86.5	86.5
≥ 1200	52.3	81.9	83.1	84.8	86.0	86.2	86.5	86.7	87.2	87.2	87.2	87.3	87.4	87.7	88.0	88.0
≥ 1000	52.6	82.7	84.1	85.9	87.3	87.4	87.8	87.9	88.5	88.5	88.5	88.6	88.8	89.0	89.5	89.5
≥ 900	52.6	83.2	84.8	86.7	88.0	88.1	88.5	88.6	89.4	89.5	89.6	89.8	90.0	90.2	90.7	90.7
≥ 800	52.7	83.3	84.9	86.8	88.1	88.3	88.6	88.8	89.6	90.1	90.4	90.5	90.9	91.1	91.6	91.6
≥ 700	52.7	83.3	84.9	86.8	88.1	88.3	88.6	88.8	89.6	90.1	90.4	90.5	90.9	91.1	91.6	91.6
≥ 600	52.7	83.5	85.2	87.0	88.6	88.8	89.1	89.3	90.1	90.6	90.9	91.0	91.5	91.7	92.2	92.2
≥ 500	52.7	83.5	85.2	87.2	89.1	89.3	90.0	90.2	91.1	91.7	92.0	92.1	92.6	92.8	93.3	93.3
≥ 400	52.7	83.8	85.7	88.0	90.4	91.0	91.9	92.6	93.5	94.3	94.8	94.9	95.4	95.7	96.2	96.2
≥ 300	52.7	83.8	85.7	88.0	90.5	91.1	92.1	93.1	94.0	95.3	96.0	96.2	96.7	96.9	97.4	97.4
≥ 200	52.7	84.0	85.8	88.1	90.6	91.2	92.2	93.2	94.2	95.7	96.4	96.8	97.3	97.9	98.5	98.6
≥ 100	52.7	84.0	85.8	88.1	90.6	91.2	92.2	93.2	94.2	95.7	96.9	97.3	97.9	98.5	99.4	99.9
0	52.7	84.0	85.8	88.1	90.6	91.2	92.2	93.2	94.2	95.7	96.9	97.3	97.9	98.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.7	45.0	45.2	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	37.8	51.1	51.3	51.4	51.4	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000	37.8	51.4	51.7	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 16000	37.9	51.5	51.8	51.9	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 14000	38.4	52.3	52.5	52.7	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000	40.9	54.9	55.1	55.3	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 10000	42.2	57.2	57.5	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 9000	42.5	57.6	58.1	58.2	58.2	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 8000	45.2	61.6	61.8	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000	46.0	63.0	63.3	63.4	63.5	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000	46.8	64.5	64.8	64.9	65.0	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 5000	48.1	66.6	66.9	67.0	67.1	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4500	48.2	67.2	67.6	67.7	67.9	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4000	49.9	70.1	71.2	71.4	71.6	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	50.1	72.1	72.6	72.8	72.9	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3000	52.3	74.8	75.4	75.6	76.1	76.4	76.9	77.0	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2500	53.4	77.1	77.9	78.4	79.0	79.2	79.9	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2000	54.5	79.5	80.5	81.1	82.2	82.4	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1800	54.6	80.1	81.1	81.7	82.9	83.2	83.8	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1500	56.0	82.7	84.1	84.9	86.4	86.7	87.3	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	57.4	85.3	86.9	87.9	89.5	89.7	90.4	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	57.6	86.2	87.9	88.9	90.7	91.0	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.5	92.5
≥ 900	57.6	86.2	87.9	89.0	91.0	91.2	92.0	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.8	92.8
≥ 800	57.6	86.5	88.3	89.4	91.3	91.6	92.3	92.7	93.0	93.1	93.2	93.2	93.2	93.2	93.3	93.3
≥ 700	57.8	87.3	89.0	90.2	92.2	92.6	93.3	93.7	93.9	94.1	94.3	94.3	94.3	94.3	94.4	94.4
≥ 600	57.8	87.6	89.5	90.7	92.7	93.1	93.8	94.2	94.4	94.6	94.8	94.8	94.9	94.9	95.1	95.1
≥ 500	57.8	87.9	89.7	91.3	93.3	93.7	94.4	94.9	95.2	95.3	95.6	95.6	95.7	95.7	95.8	95.8
≥ 400	58.0	88.4	90.2	91.8	93.8	94.2	94.9	95.7	96.0	96.3	96.5	96.5	96.7	96.7	96.8	96.8
≥ 300	58.0	88.4	90.2	92.0	94.1	94.4	95.2	96.3	96.8	97.2	97.5	97.5	97.9	97.9	98.0	98.0
≥ 200	58.0	88.4	90.2	92.0	94.1	94.4	95.2	96.5	97.0	97.4	98.1	98.1	98.6	98.8	98.9	98.9
≥ 100	58.0	88.4	90.2	92.0	94.1	94.4	95.2	96.5	97.0	97.4	98.1	98.1	98.8	99.0	99.6	99.9
≥ 0	58.0	88.4	90.2	92.0	94.1	94.4	95.2	96.5	97.0	97.4	98.1	98.1	98.8	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 809

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.3	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 20000	38.1	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 18000	38.4	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 16000	38.5	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	39.1	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 12000	40.7	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 10000	42.3	56.2	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 9000	42.7	56.9	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 8000	44.6	59.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 7000	45.7	62.0	62.7	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 6000	45.9	62.5	63.3	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 5000	47.2	64.3	65.2	65.3	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 4500	47.4	64.8	65.7	65.8	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 4000	48.5	68.3	69.3	69.4	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 3500	49.0	70.1	71.1	71.5	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3000	51.1	74.4	75.6	76.0	76.2	76.4	76.5	76.8	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0
≥ 2500	52.7	77.3	78.4	78.9	79.0	79.4	79.8	80.0	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2
≥ 2000	54.6	80.9	82.0	82.5	82.8	83.3	83.8	84.1	84.1	84.3	84.4	84.4	84.7	84.7	84.7	84.7
≥ 1800	54.8	81.6	82.8	83.3	83.7	84.3	85.1	85.3	85.3	85.6	85.7	85.7	85.9	85.9	85.9	85.9
≥ 1500	55.9	84.2	85.4	85.9	86.3	87.0	88.0	88.5	88.5	88.8	88.9	88.9	89.1	89.1	89.1	89.1
≥ 1200	56.9	85.7	87.0	87.5	87.9	88.6	89.8	90.2	90.4	90.6	90.7	90.7	91.0	91.0	91.0	91.0
≥ 1000	57.2	86.2	87.7	88.1	88.5	89.5	90.9	91.5	91.6	92.0	92.1	92.1	92.3	92.3	92.3	92.3
≥ 900	57.2	86.7	88.3	88.9	89.5	90.5	92.0	92.6	92.7	93.2	93.3	93.3	93.6	93.6	93.6	93.6
≥ 800	57.2	87.3	89.0	89.8	90.5	91.5	93.2	93.8	94.0	94.4	94.6	94.6	94.8	94.8	94.8	94.8
≥ 700	57.5	87.8	89.5	90.2	91.2	92.2	94.3	94.9	95.1	95.6	95.7	95.7	95.9	95.9	95.9	95.9
≥ 600	57.5	87.8	89.5	90.4	91.4	92.3	94.7	95.3	95.4	95.9	96.0	96.0	96.3	96.3	96.3	96.3
≥ 500	57.5	87.8	89.5	90.5	91.5	92.5	94.8	95.6	95.7	96.2	96.5	96.5	96.8	96.8	96.8	96.8
≥ 400	57.5	87.8	89.5	90.5	91.5	92.5	94.8	95.9	96.5	97.0	97.4	97.4	97.7	97.7	97.7	97.7
≥ 300	57.5	87.8	89.5	90.6	91.6	92.6	95.1	96.2	97.0	97.8	98.1	98.1	98.4	98.4	98.4	98.4
≥ 200	57.5	87.8	89.5	90.6	91.7	92.7	95.3	96.4	7.5	98.3	98.6	98.8	99.5	99.5	99.5	99.5
≥ 100	57.5	87.8	89.5	90.6	91.7	92.7	95.3	96.4	97.5	98.3	98.6	98.8	99.5	99.5	99.6	99.8
0	57.5	87.8	89.5	90.6	91.7	92.7	95.3	96.4	97.5	98.3	98.6	98.8	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.6	45.2	45.2	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	39.3	50.9	50.9	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 18000	39.6	51.4	51.4	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 16000	39.9	51.9	51.9	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 14000	40.2	52.2	52.2	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	41.6	54.2	54.2	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000	43.2	56.5	56.5	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 9000	43.5	57.0	57.0	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000	44.9	59.8	59.8	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 7000	45.8	61.7	61.7	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 6000	47.4	63.5	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 5000	48.5	64.9	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4500	49.0	65.7	66.9	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000	51.4	70.4	71.6	71.9	71.9	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	52.7	73.0	74.2	74.4	74.4	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3000	54.6	76.9	78.3	78.5	78.8	78.9	79.4	79.4	79.4	79.5	79.5	79.5	79.8	79.8	79.8	79.8
≥ 2500	55.8	79.9	81.4	81.7	82.1	82.2	82.7	82.8	82.8	83.0	83.0	83.0	83.2	83.2	83.2	83.2
≥ 2000	56.9	82.1	83.7	84.2	85.1	85.2	85.8	85.9	85.9	86.0	86.0	86.0	86.3	86.3	86.3	86.3
≥ 1800	57.0	83.2	84.9	85.4	86.3	86.4	87.0	87.2	87.2	87.3	87.3	87.3	87.5	87.5	87.5	87.5
≥ 1500	57.5	85.6	87.3	87.9	88.9	89.1	90.1	90.2	90.2	90.4	90.4	90.5	90.7	90.7	90.7	90.7
≥ 1200	57.7	86.0	87.8	88.5	89.5	89.8	90.7	90.9	90.9	91.0	91.0	91.1	91.4	91.4	91.4	91.4
≥ 1000	57.8	86.8	88.5	89.4	90.6	90.9	92.0	92.2	92.3	92.5	92.5	92.6	92.8	92.8	92.8	92.8
≥ 900	57.8	87.2	89.0	89.9	91.1	91.4	92.5	92.7	92.8	93.0	93.0	93.1	93.3	93.3	93.3	93.3
≥ 800	57.8	87.7	89.9	90.7	92.0	92.2	93.3	93.6	93.7	93.8	94.0	94.1	94.3	94.3	94.3	94.3
≥ 700	58.1	88.3	90.5	91.4	92.6	93.0	94.3	94.6	94.7	95.1	95.2	95.4	95.7	95.7	95.7	95.7
≥ 600	58.1	88.4	90.6	91.6	92.8	93.3	94.9	95.2	95.3	95.8	95.9	96.2	96.4	96.4	96.4	96.4
≥ 500	58.1	88.4	90.6	91.6	92.8	93.3	95.1	95.3	95.4	95.9	96.0	96.4	96.7	96.7	96.7	96.7
≥ 400	58.1	88.4	90.7	91.7	93.1	93.6	95.4	95.8	95.9	96.4	96.8	97.2	97.7	97.7	97.7	97.7
≥ 300	58.1	88.4	90.7	91.7	93.2	94.0	95.7	96.0	96.3	96.8	97.4	97.8	98.4	98.4	98.4	98.4
≥ 200	58.1	88.4	90.7	91.7	93.2	94.0	95.7	96.3	96.8	97.4	98.0	98.4	99.8	99.9	99.9	100.0
≥ 100	58.1	88.4	90.7	91.7	93.2	94.0	95.7	96.3	96.8	97.4	98.0	98.4	99.8	99.9	99.9	100.0
≥ 0	58.1	88.4	90.7	91.7	93.2	94.0	95.7	96.3	96.8	97.4	98.0	98.4	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.2	46.4	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	47.0
≥ 20000	39.6	52.6	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3
≥ 18000	40.0	53.1	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.8
≥ 16000	40.2	53.3	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.1
≥ 14000	40.9	54.0	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.7
≥ 12000	41.5	54.7	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.6
≥ 10000	43.3	57.5	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4
≥ 9000	43.5	58.0	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.9
≥ 8000	44.0	59.6	60.1	60.2	60.2	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.9
≥ 7000	44.7	60.7	61.2	61.5	61.5	61.6	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2
≥ 6000	46.2	62.8	63.7	64.1	64.1	64.3	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.1
≥ 5000	47.4	64.9	65.8	66.2	66.4	66.7	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.5
≥ 4500	47.7	65.6	66.4	66.8	67.0	67.3	67.4	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.3
≥ 4000	51.1	71.0	71.9	72.2	72.7	73.0	73.3	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.6
≥ 3500	52.0	73.3	74.2	74.7	75.2	75.4	75.8	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	77.0
≥ 3000	53.0	75.9	76.9	77.7	78.1	78.4	78.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.2
≥ 2500	53.3	77.9	79.4	80.2	81.1	81.4	81.9	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.2
≥ 2000	54.9	80.0	81.7	82.6	84.1	84.3	84.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.2
≥ 1800	54.9	80.2	82.0	82.8	84.4	84.7	85.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.5
≥ 1500	55.1	81.4	83.3	84.9	86.5	86.9	87.7	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	89.0
≥ 1200	55.2	82.5	84.4	86.0	87.9	88.3	89.0	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.5
≥ 1000	55.2	82.7	84.7	86.3	88.4	88.8	89.5	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	91.0
≥ 900	55.2	83.0	84.9	86.9	89.0	89.5	90.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	92.0
≥ 800	55.2	83.2	85.2	87.3	89.5	90.0	91.0	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.5
≥ 700	55.2	83.6	85.6	87.8	90.2	90.7	91.7	92.7	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.2
≥ 600	55.2	83.8	85.8	88.1	90.9	91.4	92.6	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	94.1
≥ 500	55.2	84.0	86.2	88.8	91.9	92.5	94.0	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	96.0
≥ 400	55.2	84.1	86.3	89.0	92.1	92.7	94.6	96.2	96.2	96.9	97.0	97.0	97.3	97.3	97.3	97.5
≥ 300	55.2	84.1	86.3	89.0	92.2	92.8	95.1	96.8	97.0	97.9	98.0	98.0	98.3	98.3	98.3	98.5
≥ 200	55.2	84.1	86.3	89.0	92.2	92.8	95.2	96.9	97.2	98.4	98.5	98.5	99.1	99.3	99.3	99.5
≥ 100	55.2	84.1	86.3	89.0	92.2	92.8	95.2	96.9	97.2	98.4	98.5	98.5	99.1	99.3	99.3	99.6
≥ 0	55.2	84.1	86.3	89.0	92.2	92.8	95.2	96.9	97.2	98.4	98.5	98.5	99.1	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	38.1	51.2	51.5	51.6	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0
≥ 20000	40.6	55.7	55.9	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
≥ 18000	40.7	55.8	56.0	56.2	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5
≥ 16000	40.9	55.9	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7
≥ 14000	40.9	55.9	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7
≥ 12000	41.6	56.8	57.0	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
≥ 10000	42.7	58.8	58.9	59.0	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4
≥ 9000	43.1	59.3	59.5	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0
≥ 8000	43.5	60.4	60.6	60.9	61.0	61.2	61.4	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥ 7000	43.8	61.1	61.4	61.6	61.7	62.1	62.2	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6
≥ 6000	44.6	62.7	63.0	63.2	63.3	63.7	63.8	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
≥ 5000	45.7	65.6	66.0	66.3	66.4	66.8	66.9	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5
≥ 4500	45.8	66.3	66.8	67.2	67.3	67.7	67.8	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4
≥ 4000	48.0	70.7	71.7	72.1	72.5	72.8	73.0	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6
≥ 3500	49.5	73.6	74.8	75.2	75.6	75.9	76.3	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9
≥ 3000	49.9	75.4	77.2	77.5	77.9	78.4	78.8	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 2500	50.0	76.3	78.3	78.6	79.3	79.8	80.1	80.7	80.7	80.7	80.7	80.7	80.9	80.9	80.9	80.9
≥ 2000	51.5	78.4	81.0	81.5	82.1	82.6	83.0	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
≥ 1800	51.6	79.0	81.6	82.1	82.7	83.2	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
≥ 1500	53.0	81.5	84.4	85.3	86.0	86.7	87.0	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 1200	53.0	82.0	85.3	86.2	86.9	87.5	87.9	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 1000	53.1	82.5	85.8	86.8	87.8	88.4	89.0	89.6	89.6	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 900	53.2	83.1	86.5	87.5	88.5	89.1	89.9	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7
≥ 800	53.5	83.6	87.2	88.1	89.1	89.8	90.5	91.1	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.5
≥ 700	53.5	83.6	87.2	88.1	89.1	89.9	90.7	91.5	91.6	91.7	91.7	91.9	92.0	92.0	92.0	92.0
≥ 600	53.5	83.8	87.4	88.5	89.9	90.6	91.5	92.2	92.3	92.5	92.5	92.6	92.7	92.7	92.7	92.7
≥ 500	53.5	84.1	87.8	88.9	90.6	91.7	92.7	94.0	94.2	94.3	94.3	94.4	94.6	94.6	94.6	94.6
≥ 400	53.5	84.2	87.9	89.1	91.1	92.3	93.7	95.2	95.4	95.8	95.8	95.9	96.3	96.3	96.4	96.4
≥ 300	53.5	84.2	87.9	89.1	91.1	92.5	94.6	96.3	96.8	97.2	97.3	97.4	97.8	97.8	98.0	98.0
≥ 200	53.5	84.2	87.9	89.1	91.1	92.5	94.8	96.7	97.2	97.8	98.3	98.5	98.9	98.9	99.1	99.1
≥ 100	53.5	84.2	87.9	89.1	91.1	92.6	94.9	96.8	97.4	98.0	98.5	98.8	99.3	99.3	99.5	99.6
≥ 0	53.5	84.2	87.9	89.1	91.1	92.6	94.9	96.8	97.4	98.0	98.5	98.8	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

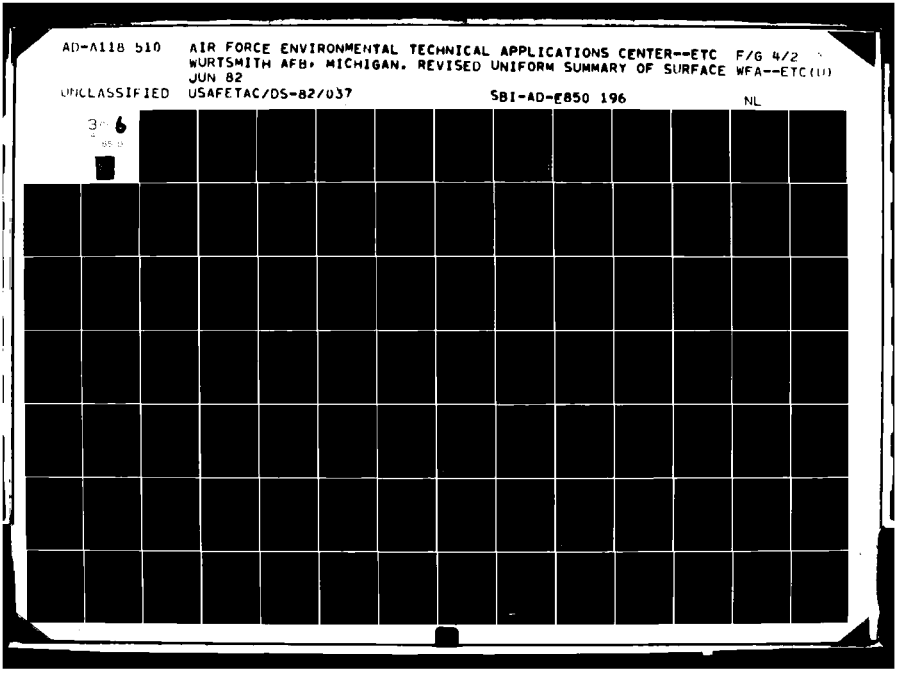
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS, LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	35.0	47.0	47.2	47.4	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8
≥ 20000	38.4	51.9	52.2	52.4	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8
≥ 18000	38.6	52.2	52.5	52.7	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1
≥ 16000	38.7	52.4	52.7	52.9	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3
≥ 14000	39.2	53.1	53.4	53.5	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 12000	40.3	54.4	54.7	54.9	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3
≥ 10000	41.8	57.0	57.4	57.6	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
≥ 9000	42.1	57.6	57.9	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 8000	43.6	60.1	60.5	60.7	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
≥ 7000	44.3	61.4	61.8	62.0	62.3	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.8	62.8
≥ 6000	45.1	62.7	63.3	63.6	63.9	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.5
≥ 5000	46.3	64.9	65.6	66.0	66.3	66.5	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.9	66.9
≥ 4500	46.6	65.5	66.2	66.6	66.9	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.6
≥ 4000	48.7	70.0	71.0	71.4	71.8	71.9	72.2	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.6	72.6
≥ 3500	49.8	72.2	73.2	73.7	74.1	74.2	74.5	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.0
≥ 3000	51.0	74.9	76.1	76.7	77.2	77.4	77.7	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.4	78.4
≥ 2500	52.0	77.1	78.4	79.0	79.7	79.9	80.3	80.6	80.7	80.7	80.8	80.8	80.9	80.9	80.9	81.0
≥ 2000	53.2	79.5	80.9	81.7	82.5	82.8	83.2	83.5	83.6	83.7	83.7	83.7	83.9	83.9	83.9	84.0
≥ 1800	53.4	80.1	81.6	82.3	83.3	83.5	84.0	84.3	84.4	84.4	84.5	84.5	84.6	84.7	84.7	84.8
≥ 1500	54.5	82.7	84.3	85.3	86.4	86.7	87.3	87.6	87.7	87.8	87.9	87.9	88.0	88.1	88.1	88.2
≥ 1200	54.9	83.8	85.5	86.6	87.7	88.0	88.6	89.0	89.1	89.2	89.3	89.3	89.4	89.4	89.5	89.5
≥ 1000	55.0	84.5	86.2	87.4	88.6	88.9	89.7	90.1	90.3	90.4	90.5	90.6	90.7	90.7	90.8	90.8
≥ 900	55.1	84.8	86.7	87.9	89.2	89.6	90.4	90.8	91.0	91.2	91.3	91.4	91.5	91.5	91.6	91.7
≥ 800	55.1	85.2	87.1	88.4	89.7	90.0	90.9	91.3	91.6	91.9	92.0	92.1	92.2	92.3	92.4	92.4
≥ 700	55.3	85.6	87.6	88.9	90.2	90.7	91.6	92.0	92.3	92.6	92.8	92.9	93.0	93.1	93.2	93.2
≥ 600	55.3	85.8	87.9	89.3	90.8	91.2	92.3	92.7	93.0	93.3	93.5	93.5	93.7	93.8	93.9	93.9
≥ 500	55.3	85.9	88.1	89.7	91.3	91.9	93.0	93.7	94.0	94.3	94.5	94.6	94.8	94.8	94.9	95.0
≥ 400	55.3	86.1	88.3	89.9	91.8	92.5	93.9	94.8	95.1	95.6	95.9	96.0	96.3	96.3	96.5	96.5
≥ 300	55.3	86.1	88.4	90.0	92.1	92.7	94.4	95.5	96.1	96.7	97.1	97.1	97.5	97.5	97.7	97.8
≥ 200	55.3	86.1	88.4	90.1	92.1	92.8	94.6	95.8	96.4	97.2	97.7	97.9	98.5	98.6	98.8	99.1
≥ 100	55.3	86.1	88.4	90.1	92.1	92.8	94.6	95.9	96.5	97.3	97.8	98.0	98.7	98.9	99.2	99.7
≥ 0	55.3	86.1	88.4	90.1	92.1	92.8	94.6	95.9	96.5	97.3	97.8	98.0	98.7	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 6479

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE


AD-A118 510
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WURTSMITH AFB, MICHIGAN. REVISED UNIFORM SUMMARY OF SURFACE WEA--ETC(U)
JUN 82
UNCLASSIFIED
USAFETAC/DS-82/037
SBI-AD-E850 196
NL

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.9	54.9	56.6	57.4	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.1	58.4
≥ 20000	33.3	58.3	60.0	60.9	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.6	61.8
≥ 18000	33.3	58.4	60.2	61.0	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.7	62.0
≥ 16000	33.3	58.6	60.4	61.2	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	62.0	62.2
≥ 14000	33.3	58.6	60.4	61.2	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	62.0	62.3
≥ 12000	33.3	59.7	61.5	62.3	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	63.0	63.4
≥ 10000	36.2	63.9	65.7	66.5	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.2	67.6
≥ 9000	36.4	64.4	66.1	67.0	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.7	68.1
≥ 8000	37.1	66.7	68.9	69.9	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.5	70.5	70.6	70.9
≥ 7000	38.9	69.4	71.5	72.5	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.3	73.7
≥ 6000	39.7	71.3	73.4	74.4	74.9	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.5	75.8
≥ 5000	40.8	73.2	75.4	76.7	77.2	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.8	78.1
≥ 4500	41.1	74.2	76.3	77.6	78.1	78.1	78.3	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.7	79.1
≥ 4000	42.7	78.2	81.0	82.7	83.1	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.9	83.9	84.0	84.3
≥ 3500	43.2	79.8	82.5	84.2	85.0	85.0	85.4	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.9	86.2
≥ 3000	43.9	81.1	84.0	85.6	86.5	86.5	86.8	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.3	87.7
≥ 2500	44.3	81.7	85.0	86.8	87.7	87.8	88.2	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.6	89.0
≥ 2000	44.7	82.5	85.9	87.7	88.5	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.5	89.8
≥ 1800	44.7	82.7	86.1	87.9	88.8	88.9	89.2	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.7	90.1
≥ 1500	45.2	83.9	87.3	89.2	90.1	90.2	90.6	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.1	91.5
≥ 1200	45.6	84.2	87.8	89.8	90.7	90.8	91.1	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.7	92.1
≥ 1000	45.7	84.4	88.0	90.1	91.	91.1	91.5	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.1	92.5
≥ 900	46.1	85.0	88.6	90.8	91.7	91.9	92.2	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.8	93.2
≥ 800	46.1	85.0	88.9	91.0	92.0	92.1	92.5	92.8	92.8	92.8	92.8	92.8	92.9	92.9	93.1	93.4
≥ 700	46.1	85.0	88.9	91.0	92.1	92.2	93.1	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.8	94.1
≥ 600	46.1	85.0	88.9	91.0	92.2	92.3	93.2	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.9	94.3
≥ 500	46.1	85.0	88.9	91.1	92.5	92.7	93.5	94.1	94.3	94.4	94.4	94.4	94.5	94.5	94.6	95.0
≥ 400	46.1	85.0	88.9	91.4	93.1	93.3	94.1	95.1	95.3	95.5	95.5	95.5	95.6	95.6	95.7	96.1
≥ 300	46.1	85.0	88.9	91.5	93.3	93.5	95.0	96.1	96.7	96.8	96.8	96.8	96.9	96.9	97.0	97.4
≥ 200	46.1	85.0	88.9	91.5	93.5	93.9	95.5	96.5	97.2	97.6	97.7	98.0	98.1	98.2	98.3	98.7
≥ 100	46.1	85.0	88.9	91.5	93.7	94.0	95.6	96.7	97.6	98.2	98.3	98.7	98.9	99.0	99.3	99.9
≥ 0	46.1	85.0	88.9	91.5	93.7	94.0	95.6	96.7	97.6	98.2	98.3	98.7	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 836

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥⅝	≥½	≥¼	≥0
NO CEILING	32.0	52.6	53.9	54.7	55.8	55.9	56.0	56.5	56.6	56.8	56.9	56.9	56.9	57.0	57.3	57.6	
≥ 20000	33.6	56.2	57.6	58.4	59.5	59.6	59.7	60.2	60.3	60.5	60.6	60.6	60.6	60.7	61.1	61.3	
≥ 18000	33.6	56.2	57.6	58.4	59.5	59.6	59.7	60.2	60.3	60.5	60.6	60.6	60.6	60.7	61.1	61.3	
≥ 16000	33.6	56.4	57.8	58.7	59.7	59.9	60.0	60.5	60.6	60.7	60.8	60.8	60.8	60.9	61.3	61.5	
≥ 14000	33.7	56.8	58.2	59.0	60.1	60.2	60.3	60.8	60.9	61.1	61.2	61.2	61.2	61.3	61.8	62.0	
≥ 12000	33.7	57.7	59.1	60.0	61.1	61.2	61.3	61.8	61.9	62.0	62.1	62.1	62.1	62.2	62.7	63.0	
≥ 10000	36.9	62.1	63.6	64.4	65.5	65.6	65.7	66.2	66.3	66.4	66.5	66.5	66.5	66.7	67.1	67.4	
≥ 9000	37.0	62.4	63.8	64.6	65.7	65.8	65.9	66.4	66.5	66.7	66.8	66.8	66.8	66.9	67.4	67.6	
≥ 8000	37.6	64.0	65.5	66.4	67.5	67.6	67.7	68.2	68.3	68.5	68.6	68.6	68.6	68.7	69.2	69.4	
≥ 7000	39.3	66.8	68.3	69.3	70.4	70.5	70.6	71.1	71.2	71.3	71.4	71.4	71.6	71.7	72.2	72.4	
≥ 6000	40.1	69.2	70.8	71.8	73.1	73.2	73.4	74.0	74.1	74.2	74.3	74.3	74.4	74.6	75.0	75.3	
≥ 5000	41.1	71.2	73.0	74.0	75.3	75.4	75.5	76.1	76.2	76.3	76.5	76.5	76.6	76.7	77.2	77.4	
≥ 4500	41.1	72.0	73.8	74.8	76.1	76.2	76.3	76.9	77.1	77.2	77.3	77.3	77.4	77.5	78.0	78.3	
≥ 4000	41.9	76.0	77.8	78.7	80.2	80.3	80.5	81.1	81.2	81.4	81.5	81.5	81.6	81.7	82.2	82.4	
≥ 3500	42.4	76.5	78.6	79.7	81.1	81.2	81.5	82.1	82.2	82.3	82.4	82.4	82.6	82.7	83.2	83.4	
≥ 3000	42.9	77.9	80.0	81.1	82.6	82.7	82.9	83.5	83.6	83.8	83.9	83.9	84.0	84.1	84.6	84.8	
≥ 2500	43.2	79.0	81.1	82.4	83.9	84.1	84.3	84.9	85.1	85.2	85.3	85.3	85.4	85.5	86.0	86.3	
≥ 2000	44.0	80.6	82.9	84.3	85.8	86.0	86.3	86.9	87.0	87.1	87.2	87.2	87.3	87.5	87.9	88.2	
≥ 1800	44.4	81.5	83.9	85.4	86.9	87.1	87.3	87.9	88.1	88.2	88.3	88.3	88.4	88.5	89.0	89.2	
≥ 1500	45.2	82.4	84.8	86.4	88.1	88.4	88.6	89.2	89.4	89.5	89.6	89.6	89.7	89.8	90.3	90.6	
≥ 1200	45.8	83.4	85.8	87.3	89.0	89.4	89.6	90.3	90.4	90.6	90.7	90.7	90.8	90.9	91.4	91.6	
≥ 1000	46.0	83.6	86.0	87.6	89.2	89.6	89.8	90.6	90.7	90.8	90.9	90.9	91.0	91.2	91.6	91.9	
≥ 900	46.0	83.9	86.3	87.8	89.5	90.2	90.4	91.2	91.3	91.4	91.5	91.5	91.6	91.8	92.2	92.5	
≥ 800	46.0	84.0	86.4	87.9	89.7	90.4	90.8	91.5	91.6	91.8	91.9	91.9	92.0	92.1	92.6	92.8	
≥ 700	46.0	84.0	86.4	87.9	89.7	90.4	91.0	91.8	91.9	92.1	92.2	92.2	92.4	92.5	93.0	93.2	
≥ 600	46.0	84.1	86.6	88.2	90.0	90.7	91.3	92.1	92.2	92.5	92.6	92.6	92.7	92.8	93.3	93.5	
≥ 500	46.0	84.1	86.6	88.5	90.4	91.2	92.1	93.2	93.3	93.5	93.7	93.7	93.8	93.9	94.4	94.6	
≥ 400	46.2	84.3	86.9	89.0	91.3	92.1	93.1	95.0	95.2	95.5	95.6	95.6	95.7	95.9	96.4	96.7	
≥ 300	46.2	84.3	86.9	89.0	91.4	92.2	93.2	95.6	95.8	96.2	96.3	96.3	96.4	96.7	97.1	97.4	
≥ 200	46.2	84.3	86.9	89.0	91.9	92.8	93.9	96.4	96.9	97.4	97.7	97.7	97.8	98.2	98.7	98.9	
≥ 100	46.2	84.3	86.9	89.0	91.9	92.8	93.9	96.5	97.1	97.7	98.3	98.3	98.6	98.9	99.5	100.0	
≥ 0	46.2	84.3	86.9	89.0	91.9	92.8	93.9	96.5	97.1	97.7	98.3	98.3	98.6	98.9	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

72595 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	28.4	47.3	49.2	50.3	51.5	51.5	51.5	51.6	51.6	51.9	52.0	52.0	52.2	52.2	52.2	52.2
≥ 20000	30.9	51.7	53.9	55.1	56.3	56.3	56.3	56.4	56.5	56.8	57.0	57.0	57.2	57.2	57.3	57.3
≥ 18000	30.9	52.1	54.2	55.4	56.6	56.6	56.6	56.8	56.9	57.1	57.3	57.3	57.6	57.6	57.7	57.7
≥ 16000	31.1	52.2	54.4	55.6	56.8	56.8	56.8	56.9	57.0	57.2	57.5	57.5	57.7	57.7	57.8	57.8
≥ 14000	31.7	52.8	55.1	56.3	57.5	57.5	57.5	57.6	57.7	57.9	58.2	58.2	58.4	58.4	58.5	58.5
≥ 12000	32.6	54.6	57.2	58.4	59.6	59.6	59.6	59.7	59.9	60.1	60.3	60.3	60.6	60.6	60.7	60.7
≥ 10000	35.0	58.9	61.4	62.6	63.9	63.9	63.9	64.0	64.2	64.4	64.6	64.6	64.9	64.9	65.0	65.0
≥ 9000	35.5	60.0	62.5	63.7	65.0	65.0	65.0	65.1	65.2	65.5	65.7	65.7	65.9	65.9	66.1	66.1
≥ 8000	37.0	63.1	65.6	66.8	68.1	68.1	68.1	68.2	68.3	68.6	68.8	68.8	69.1	69.1	69.2	69.2
≥ 7000	37.4	64.2	67.0	68.2	69.5	69.5	69.9	70.0	70.1	70.4	70.6	70.6	70.8	70.8	71.0	71.0
≥ 6000	38.1	66.1	69.9	71.1	72.4	72.4	73.0	73.5	73.6	74.0	74.3	74.3	74.6	74.6	74.7	74.7
≥ 5000	39.5	68.7	72.2	73.5	74.8	74.8	75.4	75.9	76.0	76.3	76.7	76.7	76.9	76.9	77.1	77.1
≥ 4500	40.0	69.2	72.6	74.0	75.3	75.3	75.9	76.3	76.5	76.8	77.2	77.2	77.4	77.4	77.5	77.5
≥ 4000	40.7	72.0	75.9	77.5	78.9	79.0	79.6	80.0	80.2	80.6	81.0	81.0	81.2	81.2	81.4	81.4
≥ 3500	40.9	72.3	76.1	77.8	79.1	79.2	79.8	80.3	80.4	80.9	81.2	81.2	81.5	81.5	81.6	81.6
≥ 3000	41.6	73.5	77.7	79.5	80.9	81.1	81.7	82.2	82.3	82.8	83.2	83.2	83.4	83.4	83.5	83.5
≥ 2500	43.0	75.9	80.2	82.0	83.5	83.8	84.3	84.8	84.9	85.4	85.8	85.8	86.0	86.0	86.1	86.1
≥ 2000	43.5	77.1	82.3	84.1	85.8	86.0	86.7	87.2	87.3	87.9	88.3	88.3	88.5	88.5	88.6	88.6
≥ 1800	44.0	78.6	83.4	85.2	86.9	87.1	87.8	88.3	88.4	89.0	89.4	89.4	89.6	89.6	89.7	89.7
≥ 1500	45.0	79.8	84.9	86.7	88.5	88.8	89.5	90.0	90.1	90.7	91.2	91.2	91.4	91.4	91.5	91.5
≥ 1200	46.0	80.8	86.0	87.8	89.6	89.8	90.6	91.0	91.2	91.8	92.2	92.2	92.5	92.5	92.6	92.6
≥ 1000	46.2	81.1	86.5	88.4	90.2	90.4	91.2	91.6	91.9	92.6	93.2	93.2	93.4	93.4	93.5	93.5
≥ 900	46.2	81.2	86.6	88.5	90.3	90.6	91.3	91.9	92.1	92.8	93.4	93.4	93.7	93.7	93.8	93.8
≥ 800	46.2	81.2	86.6	88.5	90.3	90.7	91.5	92.1	92.4	93.1	93.7	93.7	93.9	93.9	94.0	94.0
≥ 700	46.2	81.4	87.0	89.0	91.2	91.6	92.5	93.1	93.5	94.2	94.9	94.9	95.1	95.1	95.2	95.2
≥ 600	46.2	81.5	87.1	89.2	91.5	92.0	92.8	93.7	93.9	94.6	95.2	95.2	95.5	95.5	95.6	95.6
≥ 500	46.2	81.5	87.1	89.5	91.8	92.4	93.2	94.0	94.3	95.0	95.6	95.6	95.8	95.8	95.9	95.9
≥ 400	46.2	81.7	87.3	89.8	92.1	92.7	93.5	94.7	95.1	95.8	96.8	96.8	97.0	97.0	97.3	97.4
≥ 300	46.2	81.7	87.3	89.8	92.1	92.8	93.9	95.5	95.9	96.8	97.7	97.8	98.2	98.2	98.4	98.4
≥ 200	46.2	81.7	87.3	89.8	92.1	92.8	93.9	95.6	96.1	97.1	98.2	98.6	98.9	98.9	99.2	99.3
≥ 100	46.2	81.7	87.5	90.0	92.2	93.0	94.0	95.7	96.2	97.3	98.3	98.7	99.2	99.2	99.5	99.6
≥ 0	46.2	81.7	87.5	90.0	92.2	93.0	94.0	95.7	96.2	97.3	98.3	98.7	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	30.1	51.7	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	32.6	56.0	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	33.0	56.5	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 16000	33.0	56.5	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 14000	33.7	57.8	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	35.0	59.6	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	35.8	62.1	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 9000	36.1	62.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000	37.8	66.1	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	39.4	68.5	71.0	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000	39.9	70.5	73.1	73.2	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	40.9	72.0	74.7	75.0	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500	41.1	72.4	75.0	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000	41.9	74.8	77.8	78.3	78.6	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	42.4	75.6	78.6	79.1	79.5	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3000	44.0	78.1	81.2	81.7	82.2	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	44.9	80.4	83.6	84.1	84.6	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	46.7	83.3	86.6	87.1	87.7	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1800	47.1	83.9	87.2	87.8	88.4	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1500	47.9	84.9	88.4	89.2	89.8	89.8	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	48.7	86.0	89.8	91.0	91.8	91.8	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	48.9	86.1	90.2	91.5	92.5	92.5	92.8	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	49.0	86.3	90.6	91.9	92.8	92.8	93.2	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 800	49.2	86.5	90.9	92.4	93.3	93.3	93.7	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	49.2	86.6	91.0	92.8	93.8	93.8	94.1	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	49.2	86.6	91.2	93.1	94.0	94.1	94.5	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	49.2	87.0	91.5	93.7	94.7	94.9	95.3	96.2	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	49.2	87.0	91.6	93.8	94.9	95.0	95.7	97.0	97.1	97.5	98.0	98.0	98.2	98.2	98.2	98.2
≥ 300	49.2	87.0	91.6	93.8	95.0	95.1	95.8	97.3	97.5	97.8	98.6	98.6	98.9	98.9	98.9	98.9
≥ 200	49.2	87.0	91.6	93.8	95.1	95.2	96.2	97.7	98.0	98.6	99.3	99.3	99.6	99.6	99.6	99.6
≥ 100	49.2	87.0	91.6	93.8	95.1	95.2	96.2	97.7	98.0	98.6	99.3	99.3	99.6	99.6	99.9	99.9
≥ 0	49.2	87.0	91.6	93.8	95.1	95.2	96.2	97.7	98.0	98.6	99.3	99.3	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅞	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.8	49.5	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	34.2	55.0	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	34.5	55.3	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	34.5	55.3	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 14000	34.5	55.8	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	34.8	57.0	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 10000	36.8	60.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	37.0	61.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 8000	38.5	64.0	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	40.4	66.9	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 6000	41.0	69.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	41.6	70.6	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	41.9	71.3	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4000	43.0	75.1	77.5	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	44.2	77.5	80.4	81.0	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	46.6	81.1	84.1	85.1	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	48.1	83.4	86.5	87.5	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	50.1	85.3	88.4	89.6	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1800	50.1	85.3	88.6	89.8	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500	51.6	87.6	91.0	92.6	93.2	93.2	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	51.6	87.9	91.9	93.7	94.3	94.1	94.5	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	51.9	88.2	92.2	94.0	94.6	94.6	94.9	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	52.0	88.5	92.8	94.7	95.5	95.5	95.8	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	52.0	88.5	93.0	94.9	95.6	95.6	96.1	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	52.0	88.5	93.2	95.2	96.1	96.1	96.5	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	52.1	88.9	93.5	95.7	96.7	96.7	97.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	52.1	88.9	93.5	95.7	96.7	96.7	97.1	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	52.1	88.9	93.5	95.7	96.8	96.8	97.5	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	52.1	88.9	93.5	95.7	96.8	96.8	97.7	98.6	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	52.1	88.9	93.5	95.7	96.8	96.8	97.7	98.6	98.8	99.3	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	52.1	88.9	93.5	95.7	96.8	96.8	97.7	98.6	98.8	99.3	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0	52.1	88.9	93.5	95.7	96.8	96.8	97.7	98.6	98.8	99.3	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.5	49.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	35.1	55.4	56.4	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 18000	35.2	55.6	56.5	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 16000	35.4	55.7	56.6	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 14000	35.7	56.2	57.1	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 12000	36.6	58.9	59.7	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 10000	38.6	61.9	63.3	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	38.8	62.6	64.0	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000	40.3	65.9	67.5	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 7000	42.1	68.3	70.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	42.7	70.5	72.3	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 5000	44.0	72.9	74.7	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4500	44.2	73.5	75.3	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	45.5	77.7	79.7	80.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	47.0	79.8	82.3	83.2	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	49.3	83.6	87.0	87.8	88.9	89.0	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	50.4	85.2	88.5	89.4	90.4	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	51.9	86.7	90.1	91.0	92.7	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	52.2	87.1	90.4	91.4	93.1	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	52.3	88.2	91.6	92.7	94.5	94.6	94.9	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	52.3	88.6	92.4	93.4	95.2	95.3	95.7	95.7	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	52.3	88.9	92.6	93.9	95.7	95.9	96.2	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	52.3	88.9	92.8	94.1	96.1	96.3	96.5	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	52.3	88.9	92.8	94.4	96.5	96.8	97.0	97.0	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	52.3	88.9	93.1	94.6	96.8	97.0	97.4	97.5	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	52.4	89.0	93.2	94.7	96.9	97.1	97.5	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	52.4	89.0	93.2	94.7	97.0	97.3	97.7	98.2	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	52.4	89.0	93.2	94.7	97.3	97.8	98.0	98.4	98.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	52.4	89.0	93.2	94.7	97.3	97.8	98.0	98.8	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	52.4	89.0	93.2	94.7	97.4	97.8	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	52.4	89.0	93.2	94.7	97.4	97.8	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	52.4	89.0	93.2	94.7	97.4	97.8	98.1	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥9/16	≥½	≥0
NO CEILING	30.3	49.0	49.6	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000	34.9	57.1	58.0	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 18000	35.2	57.7	58.6	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 16000	35.3	57.8	58.7	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 14000	35.6	58.1	59.2	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	37.0	60.1	61.0	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	38.6	63.7	64.8	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 9000	38.9	64.3	65.4	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	40.6	68.6	69.7	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	42.0	70.9	72.2	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	43.2	73.1	74.6	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 5000	44.1	74.6	76.2	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500	44.6	75.3	76.9	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4000	46.2	80.1	82.0	83.8	84.4	84.6	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	47.2	81.3	83.6	85.4	86.1	86.2	86.2	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	49.1	84.1	86.9	88.9	90.1	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5
≥ 2500	49.7	84.9	87.8	89.7	90.9	91.0	91.0	91.0	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 2000	50.1	85.4	88.6	90.5	91.7	91.9	91.9	92.0	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 1800	50.3	85.7	89.0	90.9	92.2	92.3	92.3	92.5	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 1500	50.4	86.2	89.9	92.1	93.4	93.5	93.5	93.8	94.0	94.1	94.1	94.1	94.4	94.4	94.4	94.4
≥ 1200	50.5	86.5	90.2	92.3	93.7	93.8	94.0	94.4	94.4	94.7	94.8	94.8	95.1	95.1	95.1	95.1
≥ 1000	50.5	86.7	90.4	93.1	94.4	94.5	94.7	95.1	95.3	95.4	95.6	95.6	95.8	95.8	95.8	95.8
≥ 900	50.5	86.7	90.4	93.3	94.6	95.0	95.2	95.6	95.8	95.9	96.0	96.0	96.3	96.3	96.3	96.3
≥ 800	50.5	86.7	91.1	93.5	94.9	95.2	95.4	95.8	96.0	96.2	96.4	96.4	96.9	96.9	96.9	96.9
≥ 700	50.5	86.7	91.1	93.5	94.9	95.3	95.6	96.0	96.3	96.4	96.9	96.9	97.1	97.1	97.1	97.1
≥ 600	50.5	86.7	91.3	93.7	95.2	95.6	95.8	96.3	96.5	96.6	97.1	97.1	97.4	97.4	97.4	97.4
≥ 500	50.5	86.8	91.4	93.8	95.4	96.0	96.3	96.8	97.0	97.1	97.4	97.4	97.8	97.8	97.8	97.8
≥ 400	50.5	86.8	91.4	93.8	95.6	96.0	96.3	97.0	97.3	97.7	98.2	98.2	98.4	98.4	98.4	98.4
≥ 300	50.5	86.8	91.4	93.8	95.6	96.0	96.3	97.3	98.0	98.4	99.3	99.3	99.5	99.5	99.5	99.5
≥ 200	50.5	86.8	91.4	93.8	95.6	96.0	96.3	97.5	98.2	98.8	99.5	99.5	99.8	99.8	99.8	99.9
≥ 100	50.5	86.8	91.4	93.8	95.6	96.0	96.3	97.5	98.2	98.8	99.5	99.5	99.8	99.8	99.8	99.9
≥ 0	50.5	86.8	91.4	93.8	95.6	96.0	96.3	97.5	98.2	98.8	99.5	99.5	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 835

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.4	54.1	55.2	56.4	56.8	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.4
≥ 20000	35.5	59.6	60.7	62.0	62.5	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	63.1
≥ 18000	35.5	59.6	60.7	62.0	62.5	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	63.1
≥ 16000	35.7	59.8	60.9	62.2	62.7	62.8	63.1	63.1	63.	63.1	63.1	63.1	63.1	63.1	63.2	63.3
≥ 14000	36.0	60.3	61.4	62.7	63.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.8
≥ 12000	36.8	62.1	63.2	64.5	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.5	65.6
≥ 10000	38.5	65.1	66.3	67.6	68.2	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.8
≥ 9000	38.7	65.9	67.1	68.5	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.7
≥ 8000	39.6	68.1	69.5	70.9	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.1
≥ 7000	40.4	69.9	71.5	72.8	73.5	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.2
≥ 6000	41.0	71.2	72.9	74.2	74.9	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.7
≥ 5000	42.4	73.6	75.5	77.6	78.3	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	79.0
≥ 4500	42.4	73.9	76.3	78.4	79.1	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.9
≥ 4000	44.4	78.2	81.3	83.8	84.8	85.0	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9	86.0
≥ 3500	44.8	78.8	82.0	84.8	86.0	86.2	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.3
≥ 3000	46.2	81.1	84.4	87.4	88.6	88.8	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.9
≥ 2500	46.3	81.5	85.1	88.1	89.3	89.6	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.6
≥ 2000	46.6	82.5	86.2	89.6	90.8	91.0	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.1
≥ 1800	46.6	82.5	86.2	89.7	90.9	91.1	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.2
≥ 1500	46.8	83.0	86.9	90.6	91.8	92.1	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.6
≥ 1200	47.0	83.2	87.2	90.9	92.1	92.3	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8	93.9
≥ 1000	47.2	83.6	87.8	91.5	92.7	92.9	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.5
≥ 900	47.5	83.8	88.0	91.7	92.9	93.2	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.8
≥ 800	47.5	83.8	88.0	91.7	92.9	93.2	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.8
≥ 700	47.5	83.8	88.4	92.1	93.3	93.5	94.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.8
≥ 600	47.5	83.8	88.4	92.4	93.6	93.9	94.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.2
≥ 500	47.6	84.1	88.7	92.8	94.1	94.4	95.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.8
≥ 400	47.6	84.1	88.7	93.0	94.3	94.7	95.6	97.1	97.5	97.8	97.8	97.8	97.8	97.8	98.0	98.1
≥ 300	47.6	84.1	88.7	93.0	94.7	95.2	96.0	98.0	98.3	98.7	98.9	98.9	98.9	98.9	99.0	99.2
≥ 200	47.6	84.1	88.7	93.0	94.7	95.2	96.2	98.2	98.7	99.0	99.4	99.4	99.4	99.4	99.5	99.6
≥ 100	47.6	84.1	88.7	93.0	94.7	95.2	96.2	98.2	98.7	99.0	99.4	99.4	99.4	99.4	99.5	99.6
0	47.6	84.1	88.7	93.0	94.7	95.2	96.2	98.2	98.7	99.0	99.4	99.4	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 834

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.9	51.0	52.4	52.9	53.4	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.7	53.7	53.8	53.8
≥ 20000	33.8	56.2	57.6	58.3	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.2	59.3
≥ 18000	33.9	56.4	57.9	58.6	59.0	59.1	59.1	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.5	59.5
≥ 16000	34.0	56.5	58.0	58.7	59.1	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.5	59.5	59.6	59.7
≥ 14000	34.3	57.1	58.6	59.2	59.7	59.7	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.1	60.2
≥ 12000	35.0	58.7	60.3	61.0	61.4	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.9	62.0
≥ 10000	37.1	62.3	64.0	64.7	65.2	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.7	65.8
≥ 9000	37.3	62.9	64.6	65.3	65.8	65.9	65.9	66.0	66.0	66.1	66.1	66.1	66.2	66.2	66.3	66.4
≥ 8000	38.6	65.8	67.7	68.4	68.9	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.4	69.5
≥ 7000	40.0	68.1	70.1	70.8	71.4	71.4	71.5	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.9	72.0
≥ 6000	40.7	70.2	72.3	73.1	73.7	73.7	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.4	74.5
≥ 5000	41.6	72.1	74.3	75.3	75.9	75.9	76.1	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.6	76.7
≥ 4500	42.1	72.7	74.9	76.0	76.6	76.6	76.8	77.0	77.0	77.0	77.1	77.1	77.2	77.2	77.3	77.4
≥ 4000	43.3	76.9	79.1	80.4	81.2	81.3	81.6	81.7	81.8	81.9	81.9	81.9	82.0	82.0	82.1	82.2
≥ 3500	44.0	77.7	80.5	81.9	82.8	82.9	83.1	83.3	83.4	83.5	83.5	83.5	83.6	83.6	83.7	83.8
≥ 3000	45.4	80.1	83.2	84.6	85.6	85.7	86.0	86.2	86.3	86.4	86.5	86.5	86.5	86.5	86.7	86.7
≥ 2500	46.2	81.5	84.7	86.2	87.3	87.4	87.7	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.3	88.4
≥ 2000	47.2	83.0	86.4	88.0	89.1	89.3	89.6	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.2	90.3
≥ 1800	47.4	83.4	86.9	88.5	89.7	89.8	90.1	90.3	90.4	90.5	90.6	90.6	90.6	90.7	90.8	90.9
≥ 1500	48.1	84.5	88.1	90.0	91.2	91.3	91.7	92.1	92.2	92.3	92.4	92.4	92.5	92.5	92.6	92.7
≥ 1200	48.4	85.1	88.9	90.8	92.0	92.2	92.6	93.0	93.1	93.1	93.3	93.3	93.4	93.5	93.6	93.6
≥ 1000	48.6	85.3	89.3	91.3	92.5	92.7	93.1	93.5	93.6	93.8	93.9	93.9	94.0	94.0	94.1	94.2
≥ 900	48.7	85.5	89.6	91.6	92.9	93.2	93.6	94.0	94.1	94.3	94.4	94.4	94.5	94.5	94.6	94.7
≥ 800	48.7	85.6	89.7	91.8	93.2	93.4	93.9	94.3	94.4	94.6	94.8	94.8	94.9	94.9	95.0	95.1
≥ 700	48.7	85.6	89.9	92.0	93.5	93.8	94.3	94.9	95.0	95.2	95.4	95.4	95.5	95.5	95.6	95.7
≥ 600	48.8	85.7	90.0	92.3	93.8	94.1	94.6	95.3	95.4	95.6	95.7	95.7	95.8	95.8	95.9	96.0
≥ 500	48.8	85.8	90.1	92.5	94.1	94.4	95.1	95.9	96.0	96.2	96.4	96.4	96.5	96.5	96.6	96.7
≥ 400	48.8	85.9	90.2	92.7	94.4	94.8	95.5	96.6	96.8	97.2	97.5	97.5	97.6	97.7	97.8	97.9
≥ 300	48.8	85.9	90.2	92.7	94.5	94.9	95.7	97.1	97.5	98.0	98.4	98.4	98.6	98.6	98.7	98.8
≥ 200	48.8	85.9	90.2	92.7	94.6	95.1	96.0	97.4	97.9	98.5	98.9	99.0	99.2	99.3	99.4	99.5
≥ 100	48.8	85.9	90.2	92.7	94.7	95.1	96.0	97.5	98.0	98.6	99.1	99.2	99.4	99.5	99.7	99.9
0	48.8	85.9	90.2	92.7	94.7	95.1	96.0	97.5	98.0	98.6	99.1	99.2	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6690

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	36.4	58.5	59.9	61.1	62.1	62.7	62.7	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 20000	37.5	60.7	62.2	63.8	64.8	65.4	65.4	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 18000	37.5	60.9	62.3	64.2	65.2	65.8	65.8	65.9	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	37.8	61.1	62.6	64.4	65.4	66.0	66.0	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	37.9	61.6	63.1	64.9	66.2	66.8	66.8	66.9	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	38.6	63.0	64.4	66.3	67.5	68.1	68.1	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	39.4	64.2	66.2	68.0	69.3	70.0	70.7	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 9000	39.4	65.1	67.2	69.0	70.2	71.0	71.7	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	40.7	68.6	70.9	72.8	74.1	74.8	75.6	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	41.7	71.0	73.5	75.4	76.7	77.4	78.2	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	42.1	72.1	74.6	76.7	78.0	78.8	79.5	79.6	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	43.0	73.7	76.2	78.4	79.8	80.5	81.2	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	43.3	74.9	77.4	79.6	81.0	81.7	82.5	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4000	44.2	76.8	79.3	81.6	83.1	83.8	84.6	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	44.3	76.9	79.4	81.7	83.5	84.2	84.9	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	45.3	79.5	82.0	84.4	86.2	86.9	87.7	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	46.4	81.7	84.2	86.7	88.5	89.4	90.1	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	46.8	82.2	84.7	87.2	89.0	90.0	90.7	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	46.8	82.5	85.1	87.7	89.6	90.6	91.4	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	46.8	83.0	85.7	88.3	90.2	91.4	92.1	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	46.9	83.1	85.9	88.5	90.6	91.7	92.5	92.6	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	47.3	83.6	86.5	89.1	91.2	92.5	93.2	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	47.3	83.6	86.5	89.1	91.2	92.5	93.2	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	47.3	83.7	86.7	89.3	91.5	92.7	93.5	93.7	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	47.3	83.7	86.7	89.3	91.5	92.7	93.5	93.7	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	47.3	83.8	86.8	89.4	91.7	93.0	93.7	94.1	94.1	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	47.3	84.0	86.9	89.5	91.9	93.1	94.1	94.4	94.4	95.1	95.2	95.2	95.4	95.4	95.4	95.4
≥ 400	47.3	84.2	87.3	90.4	92.7	94.0	95.1	95.7	95.7	96.3	96.4	96.4	96.7	96.7	96.7	96.7
≥ 300	47.3	84.2	87.3	90.4	92.7	94.0	95.1	95.8	95.9	96.5	96.7	96.7	96.9	96.9	97.0	97.2
≥ 200	47.3	84.2	87.3	90.4	92.8	94.2	95.6	96.3	96.4	97.0	97.3	97.3	97.5	97.5	97.9	98.1
≥ 100	47.3	84.2	87.3	90.5	93.0	94.3	95.7	96.4	96.5	97.2	97.5	97.5	97.9	98.3	99.1	100.0
≥ 0	47.3	84.2	87.3	90.5	93.0	94.3	95.7	96.4	96.5	97.2	97.5	97.5	97.9	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	30.5	50.4	52.3	53.7	55.2	55.7	56.0	56.4	56.7	57.0	57.3	57.3	57.7	57.7	57.7	57.7
≥ 20000	32.3	54.0	55.9	57.5	59.0	59.5	60.0	60.5	60.7	61.1	61.4	61.4	61.7	61.7	61.7	61.7
≥ 18000	32.3	54.2	56.3	58.0	59.5	60.0	60.5	61.0	61.2	61.6	61.9	61.9	62.2	62.2	62.2	62.2
≥ 16000	32.3	54.3	56.4	58.3	59.8	60.2	60.7	61.2	61.5	61.9	62.1	62.1	62.5	62.5	62.5	62.5
≥ 14000	32.7	54.7	57.0	59.0	60.5	61.0	61.5	62.0	62.2	62.6	62.8	62.8	63.2	63.2	63.2	63.2
≥ 12000	33.3	56.2	58.5	60.7	62.5	63.0	63.5	64.0	64.2	64.6	64.8	64.8	65.2	65.2	65.2	65.2
≥ 10000	34.6	58.1	60.7	63.0	64.8	65.4	66.0	66.7	66.9	67.3	67.5	67.5	67.9	67.9	67.9	67.9
≥ 9000	34.7	58.6	61.5	63.7	65.6	66.2	66.8	67.4	67.7	68.0	68.3	68.3	68.6	68.6	68.6	68.6
≥ 8000	35.7	61.6	64.4	66.7	68.5	69.1	69.8	70.4	70.7	71.1	71.4	71.4	71.7	71.7	71.7	71.7
≥ 7000	36.5	63.6	66.4	68.6	70.6	71.2	71.9	72.5	72.8	73.2	73.5	73.5	73.8	73.8	73.8	73.8
≥ 6000	36.9	65.1	68.1	70.5	72.5	73.1	73.7	74.3	74.6	75.2	75.4	75.4	75.8	75.8	75.8	75.8
≥ 5000	38.5	67.5	70.7	73.3	75.4	76.2	76.8	77.4	77.9	78.3	78.5	78.5	78.9	78.9	78.9	78.9
≥ 4500	38.5	68.1	71.6	74.3	76.4	77.2	77.8	78.5	79.0	79.4	79.6	79.6	80.0	80.0	80.0	80.0
≥ 4000	39.4	70.9	74.9	77.8	80.5	81.2	81.9	82.6	83.2	83.6	83.8	83.8	84.2	84.2	84.2	84.2
≥ 3500	39.5	71.2	75.4	78.3	81.0	81.7	82.3	83.2	83.8	84.2	84.4	84.4	84.8	84.8	84.8	84.8
≥ 3000	39.6	72.8	77.0	79.9	82.8	83.6	84.2	85.1	85.7	86.0	86.3	86.3	86.7	86.7	86.7	86.7
≥ 2500	40.7	74.3	78.8	81.7	84.9	85.7	86.3	87.2	87.8	88.1	88.4	88.4	88.8	88.8	88.8	88.8
≥ 2000	41.2	75.2	79.6	82.6	85.8	86.5	87.3	88.1	88.8	89.1	89.4	89.4	89.8	89.8	89.8	89.8
≥ 1800	41.2	75.2	79.6	82.6	85.9	86.7	87.4	88.3	88.9	89.3	89.5	89.5	89.9	89.9	89.9	89.9
≥ 1500	41.6	76.2	80.7	83.8	87.2	87.9	88.8	89.6	90.2	90.6	90.9	90.9	91.2	91.2	91.2	91.2
≥ 1200	41.6	76.4	81.1	84.3	87.8	88.6	89.5	90.4	91.0	91.5	91.7	91.7	92.1	92.1	92.1	92.1
≥ 1000	42.3	77.4	82.3	85.6	89.0	89.9	90.9	91.7	92.3	92.8	93.1	93.1	93.5	93.5	93.5	93.5
≥ 900	42.3	77.4	82.3	85.8	89.3	90.1	91.1	92.0	92.6	93.1	93.3	93.3	93.7	93.7	93.7	93.7
≥ 800	42.3	77.4	82.3	85.8	89.3	90.1	91.1	92.0	92.6	93.1	93.3	93.3	93.7	93.7	93.7	93.7
≥ 700	42.3	77.4	82.3	85.8	89.4	90.2	91.6	92.5	93.1	93.6	93.8	93.8	94.2	94.2	94.2	94.2
≥ 600	42.3	77.4	82.5	85.9	89.6	90.5	91.9	92.7	93.3	93.8	94.1	94.1	94.4	94.4	94.4	94.4
≥ 500	42.3	77.5	82.6	86.0	90.0	90.9	92.3	93.3	94.1	94.6	94.8	94.8	95.6	95.6	95.6	95.6
≥ 400	42.3	77.8	82.8	86.5	90.5	91.5	93.0	94.0	94.7	95.2	95.4	95.4	96.2	96.2	96.2	96.2
≥ 300	42.3	77.8	82.8	86.7	90.6	91.7	93.7	94.9	95.8	96.4	96.7	96.7	97.5	97.5	97.7	97.8
≥ 200	42.3	77.8	82.8	86.8	90.7	91.9	94.0	95.2	96.0	96.8	97.3	97.3	98.1	98.1	98.3	98.5
≥ 100	42.3	77.8	82.8	86.8	90.7	91.9	94.0	95.2	96.0	96.8	97.3	97.4	98.3	98.5	99.3	100.0
≥ 0	42.3	77.8	82.8	86.8	90.7	91.9	94.0	95.2	96.0	96.8	97.3	97.4	98.3	98.5	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	31.1	48.5	49.6	51.1	52.0	52.2	52.5	52.8	52.8	53.1	53.1	53.1	53.3	53.3	53.3	53.5
≥ 20000	34.1	53.3	54.6	56.2	57.0	57.3	57.5	57.9	58.0	58.3	58.3	58.3	58.5	58.5	58.5	58.6
≥ 18000	34.1	53.7	54.9	56.5	57.4	57.7	57.9	58.3	58.4	58.6	58.6	58.6	58.9	58.9	58.9	59.0
≥ 16000	34.1	54.1	55.3	56.9	57.8	58.0	58.3	58.6	58.8	59.0	59.0	59.0	59.3	59.3	59.3	59.4
≥ 14000	34.4	54.9	56.3	57.9	58.9	59.1	59.4	59.8	59.9	60.1	60.1	60.1	60.4	60.4	60.4	60.5
≥ 12000	34.9	55.7	57.4	59.3	60.4	60.6	60.9	61.4	61.5	61.7	61.7	61.7	62.0	62.0	62.0	62.1
≥ 10000	36.7	58.6	60.4	62.2	63.3	63.6	63.8	64.3	64.4	64.7	64.7	64.7	64.9	64.9	64.9	65.1
≥ 9000	36.9	59.4	61.1	63.0	64.1	64.3	64.6	65.1	65.2	65.4	65.4	65.4	65.7	65.7	65.7	65.8
≥ 8000	38.4	62.0	64.3	66.4	67.9	68.3	68.5	69.1	69.3	69.5	69.5	69.5	69.8	69.8	69.8	69.9
≥ 7000	40.0	64.7	67.4	69.9	71.6	72.0	72.2	72.8	73.0	73.2	73.2	73.2	73.5	73.5	73.5	73.7
≥ 6000	41.1	66.0	68.9	71.4	73.1	73.5	73.7	74.3	74.4	74.7	74.7	74.7	75.1	75.1	75.1	75.3
≥ 5000	41.7	68.3	71.4	74.0	76.2	76.5	76.8	77.4	77.5	77.8	77.8	77.8	78.1	78.1	78.1	78.4
≥ 4500	41.7	68.4	71.5	74.2	76.4	76.9	77.2	77.8	77.9	78.1	78.1	78.1	78.5	78.5	78.5	78.8
≥ 4000	42.7	71.0	74.1	76.8	79.4	79.9	80.2	80.9	81.0	81.4	81.4	81.4	81.7	81.7	81.7	82.0
≥ 3500	42.8	71.4	74.4	77.3	80.0	80.5	80.9	81.6	81.7	82.2	82.2	82.2	82.6	82.6	82.6	82.8
≥ 3000	43.7	72.7	75.8	78.6	81.5	82.0	82.3	83.1	83.2	83.7	83.7	83.7	84.1	84.1	84.1	84.3
≥ 2500	44.3	74.2	77.3	80.1	83.0	83.5	83.8	84.6	84.7	85.2	85.2	85.2	85.6	85.6	85.6	85.8
≥ 2000	44.9	76.3	79.6	82.5	85.3	85.8	86.2	87.0	87.2	87.7	87.7	87.7	88.0	88.0	88.0	88.3
≥ 1800	45.3	76.7	80.0	83.0	85.8	86.3	86.7	87.5	87.7	88.1	88.1	88.1	88.5	88.5	88.5	88.8
≥ 1500	45.4	77.7	81.0	84.0	86.8	87.4	87.8	88.6	89.0	89.5	89.5	89.5	89.9	89.9	89.9	90.1
≥ 1200	45.9	78.3	81.6	84.8	87.9	88.5	88.9	89.8	90.1	90.6	90.6	90.6	91.0	91.0	91.0	91.2
≥ 1000	46.5	79.3	82.6	85.9	89.0	89.6	90.0	90.9	91.4	91.9	91.9	91.9	92.2	92.2	92.2	92.5
≥ 900	46.5	79.5	82.8	86.2	89.5	90.1	90.6	91.5	92.0	92.5	92.5	92.5	92.8	92.8	92.8	93.1
≥ 800	46.5	79.8	83.1	86.5	90.0	90.6	91.1	92.1	92.6	93.1	93.1	93.1	93.5	93.5	93.5	93.7
≥ 700	46.5	79.9	83.3	86.8	90.4	91.0	91.5	92.5	93.0	93.5	93.5	93.5	93.8	93.8	93.8	94.1
≥ 600	46.5	79.9	83.3	87.0	90.7	91.5	92.1	93.1	93.6	94.1	94.1	94.1	94.4	94.4	94.4	94.7
≥ 500	46.5	80.1	83.8	87.5	91.4	92.2	93.8	94.9	95.4	95.9	96.0	96.0	96.4	96.4	96.4	96.7
≥ 400	46.7	80.4	84.1	87.9	91.7	92.6	94.2	95.3	95.8	96.3	96.4	96.4	96.8	96.8	96.8	97.0
≥ 300	46.7	80.4	84.1	88.0	92.0	92.8	94.7	96.3	97.0	97.8	97.9	97.9	98.3	98.3	98.3	98.8
≥ 200	46.7	80.4	84.1	88.0	92.0	92.8	94.7	96.4	97.3	98.1	98.3	98.3	98.6	98.6	98.6	99.4
≥ 100	46.7	80.4	84.1	88.0	92.0	92.8	94.7	96.4	97.3	98.1	98.3	98.3	98.6	98.6	99.0	100.0
≥ 0	46.7	80.4	84.1	88.0	92.0	92.8	94.7	96.4	97.3	98.1	98.3	98.3	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	33.3	51.6	52.7	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	36.4	56.2	57.3	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	36.4	56.2	57.3	58.0	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 16000	36.4	56.2	57.3	58.0	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	36.8	57.5	58.6	59.4	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	36.9	58.8	59.9	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 10000	39.4	63.0	64.3	65.1	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	39.9	64.0	65.3	66.0	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	41.7	66.5	67.9	68.8	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	43.1	68.8	70.7	71.9	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	43.8	69.8	72.0	73.2	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	44.4	71.2	73.6	74.8	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	44.7	71.5	74.0	75.2	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4000	45.7	73.3	75.8	77.2	78.3	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	46.2	74.8	77.4	78.8	79.9	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	46.8	76.0	78.6	80.0	81.2	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	47.8	77.4	80.0	81.5	83.0	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
≥ 2000	49.5	80.7	83.3	84.9	86.5	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
≥ 1800	49.9	81.4	84.0	85.6	87.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0
≥ 1500	52.0	84.2	87.0	88.8	90.4	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
≥ 1200	52.7	85.8	88.8	90.6	92.3	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 1000	52.8	87.2	90.1	92.0	93.8	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 900	53.0	87.3	90.2	92.1	94.0	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1
≥ 800	53.0	87.3	90.2	92.1	94.0	94.3	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 700	53.0	87.4	90.5	92.5	94.4	94.8	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
≥ 600	53.2	87.8	90.9	92.8	95.1	95.8	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 500	53.3	88.0	91.4	93.3	95.7	96.3	97.7	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 400	53.3	88.0	91.4	93.5	95.9	96.8	98.0	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0
≥ 300	53.3	88.0	91.4	93.5	95.9	96.8	98.0	98.5	98.6	98.8	98.9	99.0	99.0	99.1	99.1	99.3
≥ 200	53.3	88.0	91.4	93.5	95.9	96.8	98.0	98.6	98.8	98.9	99.3	99.4	99.6	99.6	99.6	99.8
≥ 100	53.3	88.0	91.4	93.5	95.9	96.8	98.0	98.6	98.8	98.9	99.3	99.4	99.8	99.9	99.9	100.0
≥ 0	53.3	88.0	91.4	93.5	95.9	96.8	98.0	98.6	98.8	98.9	99.3	99.4	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.8	44.7	45.2	45.9	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 20000	36.3	52.3	52.8	53.5	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 18000	36.6	52.5	53.0	53.8	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 16000	36.6	52.7	53.2	53.9	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	37.2	53.8	54.3	55.0	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 12000	37.5	54.6	55.1	55.9	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 10000	39.2	57.8	58.3	59.1	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	40.2	59.5	60.0	60.7	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 8000	41.7	62.4	63.3	64.0	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 7000	42.9	65.4	66.4	67.1	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	43.3	66.5	67.5	68.2	69.1	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 5000	43.9	67.9	68.9	69.6	70.5	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4500	44.0	68.4	69.5	70.2	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4000	44.9	72.4	73.7	74.9	75.8	76.0	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3500	47.7	77.1	78.5	79.9	80.7	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	50.6	82.4	84.3	85.8	87.0	87.3	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500	52.7	85.7	87.6	89.2	90.7	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.5
≥ 2000	53.3	87.4	89.4	91.1	92.6	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3
≥ 1800	53.4	87.8	89.7	91.5	93.0	93.2	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 1500	54.9	89.9	91.8	93.6	95.1	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 1200	55.0	90.1	92.1	93.9	95.4	95.7	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.3
≥ 1000	55.3	90.6	92.8	94.7	96.2	96.4	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.2
≥ 900	55.3	90.6	92.8	94.7	96.2	96.4	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.2
≥ 800	55.3	90.7	93.0	94.8	96.3	96.7	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 700	55.3	90.7	93.0	94.9	96.4	96.8	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 600	55.3	90.9	93.1	95.1	96.5	96.9	97.2	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.8
≥ 500	55.3	90.9	93.1	95.4	97.5	97.9	98.4	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0
≥ 400	55.3	91.0	93.2	95.7	97.8	98.3	98.8	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.8
≥ 300	55.3	91.0	93.2	95.7	97.8	98.3	98.8	99.1	99.4	99.5	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	55.3	91.0	93.2	95.7	97.8	98.3	98.8	99.1	99.4	99.5	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	55.3	91.0	93.2	95.7	97.8	98.3	98.8	99.1	99.4	99.5	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	55.3	91.0	93.2	95.7	97.8	98.3	98.8	99.1	99.4	99.5	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.2	48.0	48.5	49.1	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	39.1	56.0	56.8	57.4	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	39.1	56.3	57.0	57.7	57.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 16000	39.1	56.3	57.0	57.7	57.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 14000	39.9	57.5	58.3	58.9	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 12000	40.6	58.8	59.6	60.2	60.5	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	42.0	62.6	63.5	64.2	64.6	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	42.6	64.0	64.9	65.7	66.0	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	44.6	67.5	68.5	69.3	69.6	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	45.9	69.3	70.6	71.6	72.0	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	46.3	70.0	71.5	72.5	73.1	73.7	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 5000	47.0	72.3	74.0	74.9	75.6	76.2	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	47.2	72.7	74.3	75.3	76.0	76.7	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	48.8	76.9	78.6	79.9	80.6	81.4	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	51.1	80.6	82.5	83.8	84.6	85.3	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 3000	53.8	85.9	88.1	89.6	90.4	91.1	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.9
≥ 2500	54.9	87.5	90.1	91.6	92.5	93.2	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	94.0
≥ 2000	55.1	88.0	90.9	92.7	93.7	94.4	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.2
≥ 1800	55.1	88.0	90.9	92.7	93.7	94.4	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.2
≥ 1500	55.9	89.6	92.5	94.3	95.4	96.2	96.4	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 1200	55.9	90.0	92.8	94.8	95.9	96.7	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 1000	56.2	90.5	93.3	95.3	96.4	97.2	97.5	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 900	56.2	90.6	93.5	95.4	96.5	97.3	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.3
≥ 800	56.2	90.6	93.6	95.6	96.7	97.4	97.8	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 700	56.2	90.6	93.6	95.6	96.8	97.5	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 600	56.2	90.6	93.6	95.6	96.8	97.5	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 500	56.2	90.6	93.7	95.8	97.0	97.8	98.3	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 400	56.2	90.6	93.7	95.8	97.0	97.8	98.3	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 300	56.2	90.6	93.7	95.8	97.0	97.8	98.3	98.6	99.0	99.4	99.6	99.6	99.8	99.9	99.9	100.0
≥ 200	56.2	90.6	93.7	95.8	97.0	97.8	98.3	98.6	99.0	99.4	99.6	99.6	99.8	99.9	99.9	100.0
≥ 100	56.2	90.6	93.7	95.8	97.0	97.8	98.3	98.6	99.0	99.4	99.6	99.6	99.8	99.9	99.9	100.0
≥ 0	56.2	90.6	93.7	95.8	97.0	97.8	98.3	98.6	99.0	99.4	99.6	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

1800-2000 (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.7	50.0	50.7	51.0	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	39.1	57.8	58.6	59.0	59.5	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	39.3	57.9	58.8	59.1	59.6	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 16000	39.4	58.0	58.9	59.3	59.8	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	39.9	58.6	59.5	59.9	60.4	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	40.6	60.0	61.1	61.5	62.0	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	43.6	65.4	67.2	67.5	68.3	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	44.1	66.4	68.1	68.5	69.3	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 8000	45.4	70.4	72.3	72.7	73.6	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	47.4	73.1	75.1	75.7	76.7	77.5	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 6000	48.4	74.9	76.9	77.5	78.5	79.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000	49.1	77.7	79.8	80.4	81.4	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4500	49.1	77.8	79.9	80.5	81.5	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000	51.0	80.9	83.1	83.8	84.8	85.7	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	51.6	82.5	84.7	85.4	86.4	87.5	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	52.8	85.2	87.5	88.5	89.8	90.9	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	53.6	86.0	88.9	89.9	91.2	92.3	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	53.7	86.9	89.8	91.0	92.5	93.7	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	53.7	87.3	90.1	91.4	92.8	94.1	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	54.2	88.3	91.4	92.6	94.2	95.4	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	54.3	88.5	91.6	92.8	94.4	95.7	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	54.3	88.6	91.7	93.0	94.7	95.9	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	54.3	88.8	91.9	93.1	94.8	96.0	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	54.3	88.9	92.0	93.3	95.1	96.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	54.3	88.9	92.0	93.3	95.1	96.3	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	54.3	88.9	92.1	93.6	95.3	96.5	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	54.3	88.9	92.1	93.6	95.3	96.5	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	54.3	89.0	92.2	93.7	95.4	96.7	97.9	98.0	98.0	98.5	98.6	98.6	98.8	98.8	98.8	98.8
≥ 300	54.3	89.0	92.2	93.7	95.4	96.7	97.9	98.0	98.0	98.8	99.0	99.0	99.1	99.1	99.1	99.1
≥ 200	54.3	89.0	92.2	93.7	95.4	96.7	98.0	98.1	98.1	98.9	99.3	99.3	99.5	99.5	99.5	99.5
≥ 100	54.3	89.0	92.2	93.7	95.4	96.7	98.0	98.1	98.1	99.0	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0	54.3	89.0	92.2	93.7	95.4	96.7	98.0	98.1	98.1	99.0	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.1	55.3	56.3	57.9	58.4	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 20000	38.3	58.9	59.9	61.5	62.0	62.5	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 18000	38.6	59.5	60.5	62.1	62.6	63.1	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	38.6	59.5	60.5	62.1	62.6	63.1	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 14000	39.1	60.4	61.4	63.0	63.5	64.0	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 12000	39.5	61.5	62.5	64.1	64.6	65.1	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	40.9	64.6	66.0	67.7	68.5	69.1	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
≥ 9000	41.1	65.6	67.0	68.6	69.5	70.1	70.9	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
≥ 8000	42.5	69.4	71.4	73.0	74.0	74.6	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7
≥ 7000	44.7	72.2	74.3	75.9	76.9	77.5	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	45.8	73.6	75.7	77.3	78.3	79.1	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 5000	46.8	75.1	77.9	79.5	80.7	81.4	82.1	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500	47.2	75.7	78.5	80.1	81.4	82.0	82.7	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	48.6	78.5	81.5	83.1	84.3	85.1	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	49.0	79.5	82.7	84.3	85.8	86.5	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000	50.2	82.1	85.6	87.5	89.1	89.9	91.1	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	50.5	83.0	86.4	88.5	90.1	90.9	92.2	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	50.5	83.2	86.9	89.0	90.9	91.6	93.0	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	50.5	83.2	86.9	89.0	90.9	91.6	93.0	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	50.7	83.7	87.4	89.6	91.6	92.3	93.7	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	50.9	84.0	87.7	89.9	91.9	92.6	94.0	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	50.9	84.2	87.9	90.1	92.1	92.8	94.2	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	50.9	84.3	88.1	90.3	92.3	93.2	94.6	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4
≥ 800	50.9	84.3	88.1	90.3	92.3	93.2	94.6	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4
≥ 700	50.9	84.4	88.3	90.6	92.6	93.5	94.7	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.6	95.6
≥ 600	51.0	84.7	88.5	90.9	93.1	94.2	95.8	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.7	96.7
≥ 500	51.0	84.7	88.5	90.9	93.1	94.2	95.9	96.3	96.4	96.5	96.7	96.7	96.7	96.7	96.8	96.8
≥ 400	51.0	84.7	88.9	91.4	93.7	94.9	96.7	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.7	97.7
≥ 300	51.0	84.8	89.0	91.5	93.8	95.1	97.0	97.3	97.7	97.9	98.0	98.0	98.3	98.3	98.4	98.4
≥ 200	51.0	84.8	89.0	91.5	93.8	95.1	97.3	97.9	98.0	98.3	98.5	98.6	99.1	99.1	99.4	99.4
≥ 100	51.0	84.8	89.0	91.5	93.8	95.1	97.3	97.9	98.0	98.3	98.5	98.6	99.4	99.8	100.0	100.0
≥ 0	51.0	84.8	89.0	91.5	93.8	95.1	97.3	97.9	98.0	98.3	98.5	98.6	99.4	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM 101 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 3/4	≥1 1/2	≥1	≥7/8	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	33.3	50.9	51.9	52.9	53.6	53.9	54.0	54.1	54.1	54.3	54.3	54.3	54.4	54.4	54.4	54.4
≥ 20000	36.7	56.2	57.3	58.4	59.1	59.4	59.6	59.7	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0
≥ 18000	36.7	56.4	57.5	58.7	59.4	59.7	59.9	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3
≥ 16000	36.8	56.5	57.6	58.8	59.5	59.9	60.0	60.2	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5
≥ 14000	37.2	57.4	58.6	59.7	60.5	60.9	61.0	61.2	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5
≥ 12000	37.8	58.6	59.8	61.1	61.9	62.3	62.4	62.6	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9
≥ 10000	39.5	61.8	63.3	64.6	65.5	66.0	66.3	66.5	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8
≥ 9000	39.9	62.8	64.4	65.7	66.6	67.0	67.4	67.6	67.6	67.7	67.8	67.8	67.9	67.9	67.9	67.9
≥ 8000	41.3	66.1	67.9	69.2	70.2	70.7	71.1	71.3	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6
≥ 7000	42.8	68.5	70.6	72.0	73.1	73.6	74.0	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.6
≥ 6000	43.5	69.7	71.9	73.4	74.6	75.1	75.5	75.8	75.8	76.0	76.0	76.0	76.1	76.1	76.1	76.1
≥ 5000	44.3	71.7	74.0	75.6	76.9	77.4	77.8	78.1	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.5
≥ 4500	44.5	72.2	74.6	76.2	77.5	78.0	78.4	78.7	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.1
≥ 4000	45.7	75.1	77.6	79.4	80.8	81.4	81.9	82.2	82.3	82.5	82.5	82.5	82.6	82.6	82.6	82.7
≥ 3500	46.5	76.8	79.4	81.2	82.7	83.4	83.9	84.2	84.3	84.5	84.5	84.5	84.6	84.6	84.6	84.7
≥ 3000	47.9	79.6	82.4	84.3	86.0	86.6	87.2	87.5	87.6	87.8	87.9	87.9	88.0	88.0	88.0	88.0
≥ 2500	48.9	81.2	84.2	86.2	88.0	88.6	89.2	89.5	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.1
≥ 2000	49.4	82.5	85.5	87.6	89.5	90.2	90.8	91.2	91.2	91.5	91.5	91.5	91.6	91.6	91.6	91.7
≥ 1800	49.5	82.7	85.8	87.9	89.9	90.5	91.1	91.5	91.6	91.8	91.8	91.8	91.9	91.9	91.9	92.0
≥ 1500	50.2	84.1	87.2	89.4	91.4	92.1	92.7	93.0	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.6
≥ 1200	50.4	84.5	87.7	90.0	92.0	92.8	93.4	93.7	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.4
≥ 1000	50.7	85.2	88.4	90.7	92.8	93.5	94.2	94.6	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.3
≥ 900	50.7	85.3	88.5	90.9	93.0	93.7	94.4	94.8	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.5
≥ 800	50.7	85.3	88.6	91.0	93.1	93.9	94.6	95.1	95.2	95.5	95.6	95.6	95.7	95.7	95.7	95.8
≥ 700	50.7	85.4	88.7	91.1	93.3	94.1	94.9	95.3	95.5	95.8	95.8	95.8	95.9	95.9	95.9	96.0
≥ 600	50.8	85.5	88.8	91.3	93.6	94.5	95.0	95.8	96.0	96.3	96.3	96.3	96.4	96.4	96.5	96.5
≥ 500	50.8	85.6	89.0	91.5	94.0	94.9	96.0	96.5	96.7	97.0	97.1	97.1	97.3	97.3	97.3	97.4
≥ 400	50.8	85.7	89.2	91.9	94.4	95.3	96.5	97.0	97.3	97.6	97.8	97.8	98.0	98.0	98.0	98.1
≥ 300	50.8	85.7	89.2	91.9	94.4	95.4	96.7	97.4	97.7	98.1	98.3	98.3	98.6	98.6	98.7	98.8
≥ 200	50.8	85.7	89.2	91.9	94.4	95.4	96.8	97.5	97.9	98.4	98.7	98.7	99.0	99.0	99.1	99.3
≥ 100	50.8	85.7	89.2	91.9	94.5	95.4	96.8	97.6	97.9	98.4	98.7	98.8	99.2	99.4	99.6	100.0
≥ 0	50.8	85.7	89.2	91.9	94.5	95.4	96.8	97.6	97.9	98.4	98.7	98.8	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6479

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.3	63.1	65.6	68.0	69.4	70.0	70.5	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8
≥ 20000	43.2	64.6	67.5	70.5	71.9	72.8	73.2	73.4	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6
≥ 18000	43.5	64.9	67.7	70.7	72.2	73.0	73.5	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8
≥ 16000	43.5	65.0	67.9	70.8	72.3	73.1	73.6	73.7	73.7	73.7	73.7	73.7	74.0	74.0	74.0	74.0
≥ 14000	43.6	65.2	68.1	71.1	72.5	73.4	73.8	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2
≥ 12000	44.6	66.5	69.4	72.4	73.8	74.7	75.1	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5
≥ 10000	46.7	69.1	72.5	75.5	76.9	77.8	78.3	78.4	78.4	78.4	78.4	78.4	78.7	78.7	78.7	78.7
≥ 9000	47.1	70.5	73.4	76.3	78.1	79.0	79.5	79.6	79.6	79.6	79.6	79.6	79.9	79.9	79.9	79.9
≥ 8000	49.0	73.4	76.5	79.5	81.2	82.1	82.6	82.7	82.7	82.7	82.7	82.7	83.0	83.0	83.0	83.0
≥ 7000	49.5	75.5	78.9	82.2	84.1	84.9	85.4	85.7	85.7	85.7	85.7	85.7	86.0	86.0	86.0	86.0
≥ 6000	49.8	76.5	79.8	83.2	85.1	85.9	86.4	86.6	86.6	86.6	86.6	86.6	87.0	87.0	87.0	87.0
≥ 5000	50.2	77.1	80.6	84.1	86.0	86.9	87.5	87.7	87.7	87.7	87.7	87.7	88.1	88.1	88.1	88.1
≥ 4500	50.2	77.1	80.6	84.1	86.0	86.9	87.5	87.7	87.7	87.7	87.7	87.7	88.1	88.1	88.1	88.1
≥ 4000	50.5	79.1	83.3	86.9	88.9	89.7	90.4	90.7	90.7	90.7	90.7	90.7	91.0	91.0	91.0	91.0
≥ 3500	50.5	79.2	83.6	87.5	89.5	90.3	91.0	91.3	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6
≥ 3000	50.9	80.5	85.1	88.9	90.9	91.8	92.6	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3
≥ 2500	51.1	81.0	85.5	89.4	91.6	92.5	93.4	93.8	93.8	93.8	93.8	93.8	94.1	94.1	94.1	94.1
≥ 2000	51.3	81.4	86.1	90.1	92.5	93.3	94.3	94.6	94.6	94.6	94.6	94.6	95.0	95.0	95.0	95.0
≥ 1800	51.4	81.5	86.3	90.2	92.6	93.4	94.4	94.7	94.7	94.7	94.7	94.7	95.1	95.1	95.1	95.1
≥ 1500	51.4	81.5	86.4	90.4	92.8	93.7	94.6	95.0	95.0	95.0	95.0	95.0	95.3	95.3	95.3	95.3
≥ 1200	51.7	81.8	86.9	90.9	93.1	94.1	95.1	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8
≥ 1000	51.9	82.4	87.7	91.8	94.1	95.0	95.9	96.3	96.3	96.4	96.4	96.4	96.8	96.8	96.8	96.8
≥ 900	51.9	82.4	87.7	91.8	94.1	95.0	95.9	96.3	96.3	96.4	96.4	96.4	96.8	96.8	96.8	96.8
≥ 800	51.9	82.6	87.8	91.9	94.4	95.2	96.2	96.5	96.5	96.7	96.7	96.7	97.0	97.0	97.0	97.0
≥ 700	51.9	82.7	87.9	92.0	94.5	95.3	96.3	96.7	96.7	96.8	96.8	96.8	97.1	97.1	97.1	97.1
≥ 600	51.9	82.8	88.2	92.2	95.0	95.8	96.8	97.4	97.4	97.5	97.5	97.5	97.8	97.8	97.8	97.8
≥ 500	51.9	82.9	88.3	92.4	95.1	95.9	96.9	97.5	97.5	97.6	97.6	97.6	98.0	98.0	98.0	98.0
≥ 400	51.9	82.9	88.3	92.4	95.2	96.1	97.3	97.8	97.8	98.0	98.0	98.0	98.3	98.3	98.7	98.7
≥ 300	51.9	82.9	88.3	92.4	95.2	96.1	97.4	98.0	98.0	98.1	98.1	98.1	98.6	98.6	98.9	98.9
≥ 200	51.9	82.9	88.3	92.4	95.3	96.2	97.5	98.1	98.4	98.6	98.6	98.6	99.2	99.2	99.5	99.5
≥ 100	51.9	82.9	88.3	92.4	95.3	96.2	97.5	98.1	98.4	98.6	98.6	98.6	99.4	99.5	99.9	99.9
0	51.9	82.9	88.3	92.4	95.3	96.2	97.5	98.1	98.4	98.6	98.6	98.6	99.4	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.7	56.4	59.6	63.3	66.3	66.4	67.1	68.3	68.6	68.7	68.8	68.9	69.5	69.5	69.5	69.5
≥ 20000	37.8	59.3	62.6	66.5	69.8	69.9	70.7	71.9	72.2	72.3	72.4	72.5	73.1	73.1	73.1	73.2
≥ 18000	37.8	59.3	62.6	66.5	69.8	69.9	70.7	71.9	72.2	72.3	72.4	72.5	73.1	73.1	73.1	73.2
≥ 16000	37.8	59.3	62.6	66.5	69.8	69.9	70.7	71.9	72.2	72.3	72.4	72.5	73.1	73.1	73.1	73.2
≥ 14000	37.9	59.4	62.7	66.7	69.9	70.0	70.8	72.0	72.3	72.4	72.5	72.6	73.2	73.2	73.2	73.4
≥ 12000	38.5	60.1	63.4	67.4	70.6	70.7	71.6	72.8	73.0	73.1	73.2	73.4	74.0	74.0	74.0	74.1
≥ 10000	39.2	62.0	65.5	69.4	72.8	72.9	73.7	74.9	75.1	75.3	75.4	75.5	76.1	76.1	76.3	76.5
≥ 9000	39.2	62.0	65.6	69.5	73.0	73.1	74.0	75.1	75.4	75.5	75.6	75.7	76.3	76.3	76.6	76.7
≥ 8000	42.4	67.0	70.7	74.8	78.4	78.5	79.3	80.5	80.8	80.9	81.0	81.1	81.7	81.7	82.0	82.1
≥ 7000	43.4	68.9	72.9	76.9	80.5	80.6	81.6	82.8	83.0	83.2	83.3	83.4	84.0	84.0	84.2	84.3
≥ 6000	43.6	69.5	73.5	77.5	81.1	81.2	82.2	83.4	83.6	83.8	83.9	84.0	84.6	84.6	84.8	84.9
≥ 5000	44.0	70.6	74.9	79.1	82.7	82.8	83.8	84.9	85.2	85.3	85.4	85.5	86.1	86.1	86.4	86.5
≥ 4500	44.1	71.1	75.5	79.8	83.4	83.5	84.6	85.8	86.0	86.1	86.3	86.4	87.0	87.0	87.2	87.3
≥ 4000	44.8	72.8	77.4	81.7	85.7	85.8	87.0	88.2	88.4	88.6	88.8	88.9	89.5	89.5	89.7	89.8
≥ 3500	44.8	72.9	77.7	82.0	85.9	86.0	87.2	88.4	88.6	88.9	89.0	89.1	89.7	89.7	90.0	90.1
≥ 3000	44.8	74.2	79.3	83.9	88.1	88.2	89.5	90.7	90.9	91.2	91.3	91.4	92.0	92.0	92.2	92.4
≥ 2500	45.0	74.6	79.7	84.2	88.5	88.6	90.0	91.2	91.4	91.6	91.8	91.9	92.5	92.5	92.7	92.8
≥ 2000	45.4	75.5	80.6	85.2	89.8	90.0	91.3	92.5	92.7	93.0	93.1	93.2	93.8	93.8	94.0	94.1
≥ 1800	45.4	75.5	80.6	85.2	89.8	90.0	91.3	92.5	92.7	93.0	93.1	93.2	93.8	93.8	94.0	94.1
≥ 1500	45.5	75.7	80.9	85.5	90.2	90.3	91.9	93.1	93.3	93.5	93.7	93.8	94.4	94.4	94.6	94.7
≥ 1200	45.6	76.1	81.2	85.9	90.6	90.7	92.2	93.4	93.7	93.9	94.0	94.1	94.7	94.7	95.0	95.1
≥ 1000	45.8	76.6	82.1	86.9	91.6	91.9	93.4	94.6	94.9	95.1	95.2	95.3	95.9	95.9	96.2	96.3
≥ 900	45.8	76.7	82.2	87.0	91.8	92.0	93.5	94.7	95.0	95.2	95.3	95.5	96.1	96.1	96.3	96.4
≥ 800	45.8	76.8	82.3	87.1	91.9	92.1	93.7	94.9	95.2	95.5	95.6	95.7	96.3	96.3	96.5	96.7
≥ 700	45.8	76.8	82.4	87.2	92.4	92.6	94.1	95.3	95.7	95.9	96.1	96.2	96.8	96.8	97.0	97.1
≥ 600	45.8	76.8	82.8	87.6	92.7	93.0	94.5	95.8	96.2	96.4	96.5	96.7	97.3	97.3	97.5	97.6
≥ 500	45.8	76.9	82.9	87.7	92.8	93.1	94.6	95.9	96.5	96.8	96.9	97.0	97.6	97.6	97.8	98.0
≥ 400	45.8	77.1	83.3	88.1	93.4	93.7	95.2	96.5	97.1	97.4	97.5	97.6	98.3	98.3	98.9	99.0
≥ 300	45.8	77.1	83.3	88.1	93.4	93.7	95.2	96.5	97.1	97.4	97.5	97.6	98.4	98.4	99.0	99.2
≥ 200	45.8	77.1	83.3	88.1	93.4	93.7	95.2	96.7	97.5	97.8	98.0	98.1	98.9	98.9	99.5	99.6
≥ 100	45.8	77.1	83.3	88.1	93.4	93.7	95.2	96.7	97.5	98.1	98.2	98.3	99.2	99.2	99.9	100.0
≥ 0	45.8	77.1	83.3	88.1	93.4	93.7	95.2	96.7	97.5	98.1	98.2	98.3	99.2	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.0	51.3	53.3	55.1	57.7	57.7	58.4	59.1	59.4	59.7	59.9	59.9	60.0	60.0	60.0	60.0
≥ 20000	35.5	55.9	58.2	60.5	63.3	63.3	64.2	64.9	65.1	65.5	65.6	65.6	65.7	65.7	65.7	65.9
≥ 18000	35.6	56.0	58.3	60.6	63.4	63.4	64.4	65.1	65.4	65.7	65.8	65.8	65.9	65.9	65.9	66.2
≥ 16000	35.7	56.3	58.5	60.8	63.7	63.8	64.6	65.4	65.6	65.9	66.1	66.1	66.2	66.2	66.2	66.4
≥ 14000	36.0	56.5	58.9	61.2	64.0	64.2	65.0	65.7	65.9	66.3	66.4	66.4	66.5	66.5	66.5	66.8
≥ 12000	37.0	57.8	60.5	62.7	65.6	65.8	66.7	67.4	67.6	68.0	68.2	68.2	68.3	68.5	68.5	68.7
≥ 10000	39.3	61.6	64.5	67.0	70.1	70.4	71.2	72.0	72.3	72.6	72.9	72.9	73.2	73.4	73.4	73.6
≥ 9000	39.5	62.1	64.9	67.5	70.6	70.8	71.7	72.5	72.8	73.1	73.4	73.4	73.7	73.8	73.8	74.1
≥ 8000	42.3	66.2	69.2	72.4	75.9	76.1	77.2	78.0	78.3	78.7	79.2	79.2	79.6	79.7	79.7	79.9
≥ 7000	43.6	68.1	71.1	74.4	78.0	78.3	79.3	80.2	80.4	80.9	81.4	81.4	81.7	81.8	81.8	82.1
≥ 6000	44.1	68.8	71.9	75.3	78.9	79.2	80.3	81.2	81.5	82.0	82.6	82.6	82.9	83.0	83.0	83.3
≥ 5000	44.9	70.6	73.7	77.1	81.1	81.5	82.6	83.5	83.8	84.2	84.8	84.8	85.2	85.3	85.3	85.5
≥ 4500	45.2	71.0	74.1	77.6	81.5	81.8	83.0	84.0	84.2	84.7	85.3	85.3	85.7	85.8	85.8	86.0
≥ 4000	46.4	72.6	75.9	79.3	83.6	84.1	85.3	86.4	86.6	87.1	87.7	87.7	88.1	88.2	88.2	88.4
≥ 3500	46.4	72.9	76.1	79.6	84.0	84.2	85.5	86.6	86.9	87.3	87.9	87.9	88.3	88.4	88.4	88.6
≥ 3000	46.7	73.6	77.1	80.8	85.5	86.0	87.3	88.4	88.6	89.1	89.7	89.7	90.1	90.2	90.2	90.4
≥ 2500	46.8	74.1	77.7	81.5	86.4	86.9	88.3	89.4	89.6	90.1	90.7	90.7	91.0	91.2	91.2	91.4
≥ 2000	47.1	74.6	78.3	82.1	87.1	87.6	89.0	90.1	90.3	90.8	91.4	91.4	91.8	91.9	91.9	92.1
≥ 1800	47.2	74.7	78.4	82.2	87.2	87.7	89.1	90.2	90.4	90.9	91.5	91.5	91.9	92.0	92.0	92.2
≥ 1500	47.2	75.4	79.1	82.9	87.9	88.4	90.0	91.0	91.3	91.8	92.4	92.4	92.7	92.8	92.8	93.1
≥ 1200	47.2	75.5	79.2	83.0	88.1	88.5	90.1	91.2	91.4	91.9	92.5	92.5	92.8	93.0	93.0	93.2
≥ 1000	47.2	75.7	79.5	83.5	88.8	89.2	91.0	92.2	92.5	93.0	93.5	93.5	93.9	94.0	94.0	94.3
≥ 900	47.3	75.9	79.6	83.6	89.1	89.6	91.4	93.0	93.2	93.7	94.3	94.3	94.6	94.7	94.7	95.0
≥ 800	47.4	76.3	80.2	84.2	89.8	90.3	92.6	93.8	94.0	94.5	95.1	95.1	95.5	95.6	95.6	95.8
≥ 700	47.4	76.3	80.2	84.2	89.8	90.3	92.7	93.9	94.1	94.6	95.2	95.2	95.6	95.7	95.7	95.9
≥ 600	47.4	76.3	80.3	84.3	90.2	90.7	93.3	94.5	94.7	95.3	96.2	96.3	96.7	96.8	96.8	97.0
≥ 500	47.4	76.3	80.3	84.3	90.3	90.8	93.4	94.6	95.0	95.6	96.5	96.7	97.0	97.1	97.1	97.4
≥ 400	47.4	76.3	80.3	84.3	90.6	91.2	94.0	95.2	95.6	96.2	97.1	97.3	97.7	97.8	98.0	98.2
≥ 300	47.4	76.3	80.3	84.3	90.6	91.2	94.0	95.2	95.6	96.2	97.1	97.4	97.7	98.2	98.3	98.4	98.7
≥ 200	47.4	76.3	80.3	84.3	90.6	91.2	94.1	95.4	96.2	97.1	98.1	98.2	98.9	99.2	99.4	99.6
≥ 100	47.4	76.3	80.3	84.3	90.6	91.2	94.1	95.4	96.2	97.1	98.1	98.2	98.9	99.2	99.5	100.0
0	47.4	76.3	80.3	84.3	90.6	91.2	94.1	95.4	96.2	97.1	98.1	98.2	98.9	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 STATION | HURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.2	54.1	55.4	55.8	56.8	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	42.8	61.6	63.3	64.5	65.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 18000	43.0	61.9	63.7	65.0	65.9	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 16000	43.0	62.0	63.8	65.1	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	43.8	63.1	64.9	66.2	67.1	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	44.2	64.0	65.8	67.1	68.1	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000	45.9	67.5	69.5	71.1	72.2	72.5	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 9000	46.2	67.9	69.9	71.4	72.5	72.9	73.2	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	48.9	72.4	74.7	76.2	77.4	77.8	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000	50.4	75.9	78.1	80.0	81.7	82.2	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	50.7	76.2	78.5	80.5	82.2	82.8	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 5000	51.3	77.3	79.7	82.0	83.6	84.2	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4500	51.3	77.8	80.2	82.4	84.1	84.7	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	52.1	79.3	82.0	84.5	86.1	86.7	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	52.7	80.2	82.8	85.3	87.0	87.7	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	54.2	82.0	84.6	87.1	88.9	89.6	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	54.4	82.6	85.2	87.8	89.7	90.4	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	55.2	83.9	86.5	89.1	91.0	91.8	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	55.2	84.1	86.7	89.4	91.3	92.0	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	55.7	85.9	88.5	91.2	93.1	93.8	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	55.8	86.0	88.6	91.5	93.4	94.1	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	55.8	86.0	88.6	91.6	93.7	94.4	95.0	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	55.8	86.0	88.6	91.8	93.8	94.5	95.1	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	55.8	86.3	88.9	92.2	94.4	95.2	95.8	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	55.8	86.3	88.9	92.5	94.7	95.7	96.3	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	55.8	86.3	88.9	92.5	95.0	96.1	97.0	97.4	97.6	97.8	98.0	98.1	98.1	98.1	98.1	98.1
≥ 500	55.8	86.3	88.9	92.5	95.1	96.2	97.1	97.5	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2
≥ 400	55.8	86.3	88.9	92.5	95.1	96.3	97.6	98.1	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9
≥ 300	55.8	86.3	88.9	92.5	95.1	96.4	97.7	98.3	98.6	99.3	99.4	99.5	99.5	99.8	99.8	99.8
≥ 200	55.8	86.3	88.9	92.5	95.1	96.4	97.7	98.3	98.6	99.4	99.5	99.6	99.6	100.0	100.0	100.0
≥ 100	55.8	86.3	88.9	92.5	95.1	96.4	97.7	98.3	98.6	99.4	99.5	99.6	99.6	100.0	100.0	100.0
≥ 0	55.8	86.3	88.9	92.5	95.1	96.4	97.7	98.3	98.6	99.4	99.5	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.7	51.7	52.7	53.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 20000	41.9	60.6	61.5	62.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000	41.9	60.6	61.5	62.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	42.4	61.1	62.0	62.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 14000	42.7	62.0	63.0	63.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000	43.6	63.2	64.3	65.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	45.8	67.3	68.5	69.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 9000	46.5	68.5	69.7	70.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 8000	48.1	71.8	73.2	74.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	49.9	74.3	75.7	77.1	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	50.7	75.6	76.8	78.1	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	51.7	78.1	79.6	81.0	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4500	51.7	78.5	79.9	81.7	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	53.0	80.9	82.2	84.2	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	54.4	82.7	84.3	86.4	88.3	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3000	55.8	84.9	86.6	88.6	90.7	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	56.6	85.9	87.6	89.6	91.9	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	57.5	87.5	89.1	91.3	93.5	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	57.5	87.9	89.6	91.8	94.0	94.9	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	57.7	88.6	90.3	92.7	95.0	95.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	57.7	88.9	90.7	93.2	95.5	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	57.7	89.0	90.8	93.3	95.8	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	57.7	89.0	90.8	93.4	96.1	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	57.8	89.1	90.9	93.5	96.2	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	57.8	89.2	91.0	93.9	96.5	97.4	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	57.8	89.2	91.0	94.0	96.7	97.5	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	57.8	89.2	91.0	94.3	97.0	97.8	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	57.8	89.2	91.0	94.3	97.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	57.8	89.2	91.0	94.3	97.0	98.3	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	57.8	89.2	91.0	94.3	97.0	98.3	99.0	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	57.8	89.2	91.0	94.3	97.0	98.3	99.0	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	57.8	89.2	91.0	94.3	97.0	98.3	99.0	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.2	52.9	54.1	54.4	55.6	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 20000	43.7	62.2	63.7	64.0	65.2	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000	44.1	62.8	64.3	64.6	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	44.1	63.1	64.5	64.9	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	44.3	63.9	65.4	65.7	66.9	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	45.6	65.8	67.3	67.6	68.8	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000	47.2	68.7	70.3	70.6	72.0	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 9000	48.3	70.3	71.9	72.3	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 8000	51.4	74.4	76.3	76.8	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	52.2	75.7	77.8	78.3	79.8	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	52.6	76.6	79.0	79.5	81.0	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	53.3	79.3	81.6	82.1	83.8	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
≥ 4500	53.6	80.0	82.3	82.9	85.1	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 4000	54.8	82.7	84.9	85.6	88.1	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
≥ 3500	55.7	84.9	87.6	88.4	91.0	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1
≥ 3000	56.5	85.9	88.5	90.1	92.5	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 2500	56.9	86.4	89.0	90.7	93.2	94.1	94.1	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 2000	57.2	87.1	89.8	91.5	94.0	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.5	95.5	95.5	95.5
≥ 1800	57.2	87.2	90.1	91.8	94.3	95.2	95.3	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1500	57.2	87.2	90.2	92.1	94.6	95.6	95.7	95.8	95.8	95.9	95.9	95.9	96.1	96.1	96.1	96.1
≥ 1200	57.2	87.3	90.3	92.2	94.7	95.7	95.8	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1000	57.3	87.5	90.4	92.8	95.3	96.3	96.4	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 900	57.3	87.5	90.7	93.1	95.8	96.8	96.9	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 800	57.3	87.5	90.7	93.4	96.2	97.1	97.3	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 700	57.3	87.6	90.8	93.7	96.4	97.5	97.6	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 600	57.3	87.8	91.0	94.0	96.8	97.8	98.0	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 500	57.3	87.8	91.0	94.0	96.8	98.1	98.3	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 400	57.3	87.8	91.0	94.0	96.8	98.1	98.3	99.0	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	57.3	87.8	91.0	94.0	96.8	98.1	98.4	99.2	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	57.3	87.8	91.0	94.0	96.8	98.1	98.4	99.2	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	57.3	87.8	91.0	94.0	96.8	98.1	98.4	99.2	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	57.3	87.8	91.0	94.0	96.8	98.1	98.4	99.2	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	38.5	56.3	57.1	57.6	59.0	59.0	59.0	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	43.8	64.0	65.2	65.9	67.6	67.6	67.6	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	44.3	64.8	66.1	66.8	68.5	68.5	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	44.6	65.0	66.3	67.0	68.7	68.7	68.7	68.9	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000	44.9	65.9	67.3	68.0	69.7	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	45.8	67.1	68.5	69.2	70.8	70.8	70.8	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	47.7	69.8	71.2	72.2	73.8	73.8	73.8	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	48.7	71.4	73.0	74.0	75.7	75.7	75.7	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	51.0	74.9	76.6	77.7	79.5	79.5	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 7000	52.0	76.0	77.7	78.9	80.6	81.0	81.0	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4
≥ 6000	52.3	76.7	78.5	79.8	81.6	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
≥ 5000	53.8	80.3	82.1	83.4	85.3	85.7	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	53.8	81.0	82.8	84.1	86.1	86.5	86.5	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4000	55.2	84.2	86.0	87.7	90.0	90.3	90.3	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	55.6	85.6	87.8	89.7	92.0	92.4	92.4	92.6	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	56.3	87.6	89.6	91.6	93.9	94.3	94.3	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	56.6	88.3	90.3	92.6	94.9	95.2	95.3	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	56.6	88.4	90.4	92.7	95.0	95.3	95.5	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	56.6	88.4	90.4	92.7	95.0	95.3	95.5	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	56.6	88.5	90.6	93.0	95.3	95.7	95.8	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	57.0	89.2	91.3	93.7	96.3	96.7	96.8	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	57.1	89.4	91.4	93.8	96.5	96.9	97.0	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	57.1	89.4	91.5	93.9	96.8	97.1	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	57.2	89.6	91.8	94.1	97.0	97.4	97.5	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	57.2	89.6	91.8	94.3	97.1	97.5	97.6	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	57.2	89.6	91.8	94.5	97.4	97.7	97.8	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	57.2	90.0	92.1	94.9	98.0	98.3	98.4	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	57.2	90.0	92.1	94.9	98.1	98.4	98.7	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	57.2	90.0	92.1	94.9	98.1	98.4	98.7	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200	57.2	90.0	92.1	94.9	98.1	98.4	98.7	99.4	99.4	99.4	99.5	99.5	99.6	99.8	100.0	100.0
≥ 100	57.2	90.0	92.1	94.9	98.1	98.4	98.7	99.4	99.4	99.4	99.5	99.5	99.6	99.8	100.0	100.0
≥ 0	57.2	90.0	92.1	94.9	98.1	98.4	98.7	99.4	99.4	99.4	99.5	99.5	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	41.1	61.1	63.3	64.8	65.8	66.3	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	43.6	65.7	68.3	69.8	71.2	71.8	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 18000	43.8	65.9	68.8	70.3	71.7	72.3	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	44.1	66.2	69.2	70.7	72.2	72.8	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	44.2	66.7	69.7	71.2	72.8	73.4	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000	44.6	67.7	70.7	72.3	73.8	74.4	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	47.2	71.3	74.6	76.2	77.8	78.5	79.2	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 9000	47.6	72.3	75.5	77.2	78.9	79.6	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 8000	50.2	75.6	78.9	80.6	82.6	83.3	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 7000	50.8	76.9	80.2	82.0	83.9	84.7	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	51.0	77.5	80.8	82.6	84.5	85.3	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 5000	52.2	79.8	83.0	84.8	86.9	87.7	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4500	52.2	79.8	83.0	84.8	86.9	87.7	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	53.5	82.2	86.4	88.3	90.8	91.6	92.5	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	53.6	83.2	87.5	89.4	92.1	93.0	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	53.8	84.1	88.5	90.7	93.4	94.3	95.1	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	53.8	84.3	88.8	90.9	93.7	94.5	95.3	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	53.8	84.8	89.2	91.4	94.1	95.0	95.8	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	53.8	84.8	89.2	91.4	94.1	95.0	95.8	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	54.1	85.2	89.6	91.8	94.6	95.6	96.4	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	54.6	85.7	90.1	92.2	95.3	96.3	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	54.6	85.7	90.1	92.2	95.3	96.3	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	54.6	85.7	90.1	92.2	95.3	96.3	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	54.6	85.7	90.1	92.2	95.6	96.5	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	54.6	85.7	90.1	92.2	95.6	96.5	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	54.6	85.7	90.1	92.2	96.1	97.0	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	54.6	85.7	90.1	92.4	96.2	97.1	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	54.6	85.7	90.1	92.4	96.3	97.3	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	54.6	85.7	90.3	92.7	96.7	97.6	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.9	99.9
≥ 200	54.6	85.7	90.3	92.7	96.7	97.6	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.9	99.9
≥ 100	54.6	85.7	90.3	92.7	96.7	97.6	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.9	99.9
≥ 0	54.6	85.7	90.3	92.7	96.7	97.6	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.6	55.9	57.6	59.0	60.6	60.9	61.2	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8
≥ 20000	41.5	61.8	63.8	65.5	67.2	67.5	67.9	68.2	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.6
≥ 18000	41.8	62.0	64.1	65.8	67.6	67.9	68.2	68.6	68.6	68.7	68.7	68.8	68.9	68.9	68.9	68.9
≥ 16000	41.9	62.2	64.4	66.1	67.8	68.1	68.5	68.8	68.9	68.9	69.0	69.0	69.1	69.1	69.1	69.2
≥ 14000	42.2	62.8	65.0	66.7	68.5	68.8	69.2	69.5	69.5	69.6	69.7	69.7	69.8	69.8	69.8	69.8
≥ 12000	43.0	64.1	66.2	68.0	69.7	70.0	70.4	70.7	70.8	70.9	70.9	71.0	71.1	71.1	71.1	71.1
≥ 10000	44.9	67.2	69.6	71.4	73.3	73.6	74.0	74.3	74.4	74.5	74.6	74.6	74.7	74.7	74.8	74.8
≥ 9000	45.4	68.1	70.5	72.3	74.3	74.6	75.0	75.3	75.4	75.5	75.6	75.6	75.7	75.8	75.8	75.8
≥ 8000	47.9	72.0	74.5	76.5	78.6	78.9	79.3	79.7	79.8	79.9	79.9	80.0	80.1	80.1	80.2	80.2
≥ 7000	49.0	73.9	76.5	78.7	80.9	81.4	81.8	82.2	82.3	82.4	82.5	82.5	82.6	82.7	82.7	82.7
≥ 6000	49.3	74.7	77.3	79.6	81.8	82.3	82.7	83.1	83.2	83.3	83.4	83.4	83.5	83.6	83.6	83.6
≥ 5000	50.2	76.6	79.4	81.7	84.0	84.5	85.0	85.4	85.5	85.5	85.6	85.7	85.8	85.9	85.9	85.9
≥ 4500	50.3	77.0	79.8	82.2	84.6	85.1	85.6	86.0	86.1	86.2	86.3	86.3	86.5	86.5	86.5	86.5
≥ 4000	51.3	79.2	82.3	84.8	87.4	88.0	88.5	89.0	89.1	89.2	89.3	89.3	89.5	89.5	89.5	89.5
≥ 3500	51.7	80.2	83.4	86.1	88.7	89.3	89.8	90.3	90.4	90.5	90.6	90.6	90.8	90.8	90.8	90.9
≥ 3000	52.4	81.6	84.9	87.7	90.5	91.1	91.7	92.2	92.3	92.4	92.5	92.5	92.7	92.7	92.8	92.8
≥ 2500	52.7	82.1	85.5	88.3	91.2	91.9	92.6	93.1	93.1	93.3	93.4	93.4	93.6	93.6	93.6	93.7
≥ 2000	53.0	82.9	86.3	89.2	92.1	92.8	93.5	94.0	94.1	94.2	94.3	94.3	94.5	94.5	94.5	94.6
≥ 1800	53.0	83.0	86.4	89.3	92.3	92.9	93.7	94.2	94.3	94.4	94.5	94.5	94.7	94.7	94.7	94.8
≥ 1500	53.2	83.5	86.9	89.9	93.0	93.6	94.4	94.9	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.5
≥ 1200	53.4	83.8	87.3	90.3	93.4	94.1	94.8	95.4	95.4	95.6	95.7	95.7	95.9	95.9	95.9	96.0
≥ 1000	53.4	84.0	87.6	90.7	93.9	94.6	95.4	95.9	96.0	96.2	96.3	96.3	96.5	96.5	96.5	96.6
≥ 900	53.4	84.1	87.6	90.8	94.1	94.8	95.6	96.2	96.3	96.4	96.5	96.6	96.7	96.7	96.8	96.8
≥ 800	53.5	84.2	87.8	91.1	94.4	95.1	96.0	96.6	96.7	96.8	96.9	97.0	97.1	97.1	97.2	97.2
≥ 700	53.5	84.3	87.9	91.2	94.6	95.4	96.2	96.9	97.0	97.1	97.2	97.2	97.4	97.4	97.5	97.5
≥ 600	53.5	84.3	88.0	91.4	95.0	95.7	96.7	97.4	97.5	97.7	97.8	97.8	98.0	98.0	98.1	98.1
≥ 500	53.5	84.4	88.1	91.6	95.2	95.9	96.9	97.7	97.8	98.0	98.1	98.2	98.4	98.4	98.4	98.5
≥ 400	53.5	84.4	88.1	91.6	95.3	96.1	97.3	98.0	98.2	98.4	98.6	98.7	98.9	98.9	99.0	99.1
≥ 300	53.5	84.4	88.2	91.7	95.4	96.2	97.4	98.2	98.5	98.7	98.9	99.0	99.2	99.3	99.4	99.5
≥ 200	53.5	84.4	88.2	91.7	95.4	96.2	97.4	98.3	98.6	99.0	99.1	99.2	99.5	99.6	99.8	99.8
≥ 100	53.5	84.4	88.2	91.7	95.4	96.2	97.4	98.3	98.6	99.0	99.2	99.2	99.6	99.7	99.9	100.0
≥ 0	53.5	84.4	88.2	91.7	95.4	96.2	97.4	98.3	98.6	99.0	99.2	99.2	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6696

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	33.7	58.7	61.9	63.1	64.5	65.0	65.0	65.8	65.9	66.1	66.3	66.3	66.4	66.4	66.5	66.9
≥ 20000	36.1	63.4	67.0	68.3	70.3	70.7	70.7	71.6	71.7	71.8	72.0	72.0	72.2	72.2	72.3	72.6
≥ 18000	36.1	63.4	67.0	68.3	70.3	70.7	70.7	71.6	71.7	71.8	72.0	72.0	72.2	72.2	72.3	72.6
≥ 16000	36.1	63.4	67.0	68.3	70.3	70.7	70.7	71.6	71.7	71.8	72.0	72.0	72.2	72.2	72.3	72.6
≥ 14000	36.1	63.9	67.6	68.9	70.8	71.4	71.4	72.3	72.4	72.5	72.8	72.8	72.9	72.9	73.0	73.4
≥ 12000	36.2	64.8	68.5	69.8	71.8	72.4	72.4	73.2	73.4	73.5	73.7	73.7	73.8	73.8	74.0	74.3
≥ 10000	36.8	66.2	70.1	71.6	73.6	74.2	74.2	75.0	75.1	75.3	75.5	75.5	75.6	75.6	75.7	76.1
≥ 9000	36.9	66.3	70.3	71.7	73.7	74.3	74.3	75.1	75.3	75.4	75.6	75.6	75.7	75.7	75.9	76.2
≥ 8000	37.4	67.5	71.6	73.2	75.4	76.1	76.1	76.9	77.1	77.2	77.4	77.4	77.5	77.5	77.7	78.0
≥ 7000	37.6	68.5	73.1	75.0	77.3	78.0	78.0	78.9	79.0	79.1	79.3	79.3	79.5	79.5	79.6	79.9
≥ 6000	37.9	68.9	73.6	75.5	77.8	78.5	78.5	79.3	79.5	79.6	79.8	79.8	79.9	79.9	80.0	80.4
≥ 5000	37.9	69.1	73.7	76.0	78.5	79.2	79.2	80.0	80.2	80.3	80.5	80.5	80.6	80.6	80.8	81.1
≥ 4500	37.9	69.3	74.0	76.2	78.7	79.5	79.5	80.3	80.4	80.5	80.8	80.8	80.9	80.9	81.0	81.4
≥ 4000	38.4	71.6	76.5	79.6	83.0	83.9	83.9	85.2	85.4	85.5	85.8	85.8	85.9	85.9	86.0	86.4
≥ 3500	38.5	72.3	77.3	80.5	85.2	86.1	86.3	87.6	87.8	87.9	88.2	88.2	88.3	88.3	88.4	88.8
≥ 3000	39.3	74.3	79.5	82.7	87.8	88.8	88.9	90.2	90.4	90.6	90.8	90.8	90.9	90.9	91.0	91.4
≥ 2500	39.3	74.3	79.8	83.0	88.2	89.1	89.2	90.6	90.8	90.9	91.2	91.2	91.3	91.3	91.4	91.8
≥ 2000	39.3	75.3	81.0	84.3	89.5	90.4	90.6	91.9	92.1	92.2	92.5	92.5	92.6	92.6	92.7	93.1
≥ 1800	39.4	75.6	81.4	84.7	89.8	90.8	90.9	92.2	92.5	92.6	92.8	92.8	93.0	93.0	93.1	93.4
≥ 1500	39.4	76.6	82.3	85.8	91.0	92.0	92.1	93.4	93.7	93.8	94.0	94.0	94.1	94.1	94.3	94.6
≥ 1200	39.4	76.6	83.0	86.5	91.8	92.7	93.0	94.3	94.5	94.6	94.9	94.9	95.0	95.0	95.1	95.5
≥ 1000	39.4	76.7	83.2	86.6	92.0	93.0	93.3	94.6	94.9	95.0	95.2	95.2	95.3	95.3	95.5	95.8
≥ 900	39.4	76.8	83.3	86.7	92.1	93.1	93.4	94.7	95.0	95.1	95.3	95.3	95.5	95.5	95.6	95.9
≥ 800	39.4	76.9	83.5	87.1	92.5	93.5	94.0	95.3	95.6	95.7	95.9	95.9	96.1	96.1	96.2	96.5
≥ 700	39.4	76.9	83.5	87.1	92.5	93.5	94.0	95.5	95.7	95.8	96.1	96.1	96.2	96.2	96.3	96.7
≥ 600	39.4	77.1	83.8	87.3	92.8	93.9	94.5	95.9	96.2	96.3	96.5	96.5	96.7	96.7	96.8	97.1
≥ 500	39.4	77.1	83.8	87.5	93.1	94.1	94.7	96.2	96.4	96.5	96.8	96.8	96.9	96.9	97.0	97.4
≥ 400	39.4	77.2	84.1	87.8	93.5	94.7	95.3	96.8	97.0	97.3	97.5	97.5	97.7	97.7	97.8	98.2
≥ 300	39.4	77.2	84.1	87.8	93.5	94.7	95.3	96.8	97.0	97.3	97.6	97.6	97.8	97.8	98.1	98.4
≥ 200	39.4	77.2	84.1	87.8	93.5	94.7	95.3	97.0	97.3	97.5	97.8	97.8	98.1	98.1	98.3	98.8
≥ 100	39.4	77.2	84.1	87.8	93.5	94.7	95.3	97.0	97.3	97.5	97.8	97.8	98.1	98.1	98.4	99.4
≥ 0	39.4	77.2	84.1	87.8	93.5	94.7	95.3	97.0	97.3	97.5	97.8	97.8	98.1	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.8	50.5	53.9	55.7	58.8	59.6	60.2	61.1	62.0	62.7	62.8	62.8	63.3	63.4	63.6	63.7
≥ 20000	30.3	55.0	58.5	60.7	64.6	65.6	66.3	67.4	68.5	69.2	69.3	69.3	69.8	69.9	70.0	70.1
≥ 18000	30.3	55.1	58.7	60.8	64.8	65.7	66.4	67.5	68.6	69.3	69.4	69.4	69.9	70.0	70.1	70.3
≥ 16000	30.3	55.2	58.8	60.9	64.9	65.8	66.5	67.6	68.7	69.4	69.5	69.5	70.0	70.1	70.3	70.4
≥ 14000	30.6	55.9	59.5	61.6	65.6	66.5	67.3	68.3	69.5	70.3	70.4	70.4	70.8	71.0	71.1	71.2
≥ 12000	30.6	56.6	60.3	62.5	66.4	67.4	68.1	69.2	70.4	71.1	71.2	71.2	71.7	71.8	71.9	72.0
≥ 10000	31.2	58.1	62.5	64.8	68.9	69.9	70.6	71.7	72.9	73.6	73.7	73.7	74.2	74.3	74.4	74.6
≥ 9000	31.4	58.4	62.8	65.1	69.3	70.3	71.0	72.0	73.2	74.0	74.1	74.1	74.6	74.7	74.8	74.9
≥ 8000	32.0	59.4	63.8	66.2	70.8	71.8	72.5	73.6	74.8	75.5	75.6	75.6	76.1	76.2	76.3	76.5
≥ 7000	32.9	60.8	65.4	67.7	72.4	73.4	74.1	75.1	76.3	77.1	77.2	77.2	77.7	77.8	77.9	78.0
≥ 6000	33.1	61.2	65.7	68.1	72.8	73.7	74.6	75.6	76.8	77.5	77.7	77.7	78.1	78.3	78.4	78.5
≥ 5000	33.6	62.1	67.0	69.4	74.1	75.0	76.1	77.4	78.6	79.3	79.5	79.5	79.9	80.0	80.2	80.3
≥ 4500	33.6	62.6	67.5	69.9	74.6	75.5	76.6	77.9	79.1	79.8	79.9	79.9	80.4	80.5	80.6	80.8
≥ 4000	34.4	65.2	70.3	72.9	77.8	78.7	79.8	81.2	82.4	83.3	83.4	83.5	84.0	84.2	84.3	84.6
≥ 3500	34.5	65.8	71.2	74.1	79.5	80.4	81.6	83.0	84.2	85.1	85.2	85.3	85.8	86.0	86.1	86.4
≥ 3000	34.8	66.3	71.9	75.5	81.2	82.3	83.5	84.9	86.1	87.0	87.1	87.2	87.7	87.9	88.1	88.3
≥ 2500	34.8	66.8	72.5	76.1	82.2	83.3	84.7	86.1	87.3	88.2	88.3	88.4	88.9	89.1	89.2	89.5
≥ 2000	34.9	67.4	73.2	76.9	83.2	84.3	86.0	87.7	88.9	89.7	89.8	90.0	90.4	90.7	90.8	91.0
≥ 1800	35.1	67.7	73.6	77.3	83.5	84.7	86.4	88.2	89.4	90.2	90.3	90.4	90.9	91.2	91.3	91.5
≥ 1500	35.5	68.8	74.7	78.4	84.7	85.9	87.8	89.6	91.0	91.9	92.0	92.1	92.6	92.8	93.0	93.2
≥ 1200	35.6	69.4	75.6	79.3	85.8	87.0	89.0	90.8	92.2	93.1	93.2	93.3	93.8	94.0	94.1	94.4
≥ 1000	35.7	69.7	75.9	79.6	86.3	87.5	89.5	91.3	92.7	93.5	93.7	93.8	94.3	94.5	94.6	94.9
≥ 900	35.7	69.7	75.9	79.6	86.4	87.6	89.6	91.6	93.1	93.9	94.0	94.1	94.6	94.9	95.0	95.2
≥ 800	35.7	69.8	76.0	79.7	86.6	87.8	89.8	91.9	93.3	94.1	94.3	94.4	94.9	95.1	95.2	95.5
≥ 700	35.7	70.0	76.2	79.9	86.9	88.1	90.1	92.2	93.8	94.6	94.7	94.9	95.3	95.6	95.7	95.9
≥ 600	35.7	70.1	76.5	80.2	87.2	88.4	90.4	92.6	94.1	95.1	95.2	95.3	95.8	96.1	96.2	96.4
≥ 500	35.7	70.1	76.5	80.4	87.5	88.6	90.7	92.8	94.4	95.3	95.5	95.6	96.1	96.3	96.4	96.7
≥ 400	35.7	70.6	76.9	81.4	88.6	89.8	91.9	94.4	96.2	97.3	97.4	97.5	98.1	98.4	98.6	98.8
≥ 300	35.7	70.6	76.9	81.4	88.6	89.8	91.9	94.5	96.4	97.5	97.7	98.0	98.6	98.9	99.0	99.3
≥ 200	35.7	70.6	76.9	81.4	88.6	89.8	91.9	94.5	96.4	97.5	97.7	98.0	98.8	99.2	99.3	99.6
≥ 100	35.7	70.6	76.9	81.4	88.6	89.8	91.9	94.5	96.4	97.5	97.7	98.0	98.8	99.2	99.4	99.9
≥ 0	35.7	70.6	76.9	81.4	88.6	89.8	91.9	94.5	96.4	97.5	97.7	98.0	98.8	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	27.8	44.0	46.5	47.7	50.9	51.6	52.7	53.5	54.2	54.8	55.3	55.3	55.7	55.7	56.0	56.4
≥ 20000	29.2	47.0	49.8	51.1	54.7	55.7	56.9	58.1	58.8	59.7	60.5	60.5	60.8	60.8	61.2	61.5
≥ 18000	29.2	47.1	49.9	51.3	54.8	55.8	57.0	58.2	58.9	59.9	60.6	60.6	60.9	60.9	61.3	61.6
≥ 16000	29.2	47.3	50.2	51.5	55.1	56.0	57.2	58.4	59.1	60.1	60.8	60.8	61.2	61.2	61.5	61.9
≥ 14000	29.3	48.1	51.4	52.9	56.8	57.7	58.9	60.1	60.8	61.8	62.5	62.5	62.8	62.8	63.2	63.6
≥ 12000	29.7	49.2	52.6	54.1	58.2	59.1	60.3	61.5	62.2	63.2	63.9	63.9	64.3	64.3	64.6	65.0
≥ 10000	31.3	52.3	56.0	58.1	62.4	63.3	64.5	65.7	66.4	67.4	68.1	68.1	68.5	68.5	68.8	69.2
≥ 9000	31.7	53.0	56.9	58.9	63.2	64.3	65.5	66.7	67.4	68.3	69.1	69.1	69.4	69.4	69.8	70.1
≥ 8000	32.0	55.2	59.4	61.6	66.5	67.6	68.8	70.1	70.8	71.8	72.5	72.5	72.9	72.9	73.2	73.6
≥ 7000	32.9	56.5	60.8	63.2	68.1	69.2	70.5	72.0	72.8	73.7	74.4	74.4	74.8	74.8	75.1	75.5
≥ 6000	33.0	57.3	61.9	64.3	69.2	70.3	71.6	73.1	73.8	74.9	75.6	75.6	76.0	76.0	76.3	76.7
≥ 5000	33.1	58.1	63.3	65.9	70.8	71.9	73.4	74.9	75.6	76.7	77.4	77.4	77.8	77.8	78.1	78.5
≥ 4500	33.2	58.4	63.7	66.3	71.2	72.3	73.7	75.3	76.0	77.1	77.8	77.8	78.1	78.1	78.5	78.9
≥ 4000	33.9	61.2	66.7	69.3	74.3	75.4	77.1	78.7	79.5	80.5	81.2	81.4	81.7	81.7	82.1	82.4
≥ 3500	34.3	61.5	67.0	69.7	74.9	76.0	77.9	80.0	80.9	82.0	82.8	82.9	83.3	83.3	83.8	84.1
≥ 3000	35.1	62.8	68.3	71.0	76.6	77.7	79.6	81.8	82.7	83.8	84.6	84.7	85.1	85.1	85.7	86.0
≥ 2500	35.7	64.0	69.5	72.2	78.0	79.5	81.4	83.8	84.6	85.7	86.5	86.6	87.0	87.0	87.6	87.9
≥ 2000	36.2	65.1	70.7	73.4	79.2	80.8	82.7	85.4	86.3	87.3	88.2	88.3	88.6	88.6	89.2	89.6
≥ 1800	36.3	65.6	71.2	73.8	79.7	81.2	83.2	85.9	86.7	87.8	88.6	88.8	89.1	89.1	89.7	90.1
≥ 1500	36.3	65.7	71.3	74.1	79.9	81.5	83.4	86.3	87.2	88.4	89.2	89.4	89.7	89.7	90.3	90.7
≥ 1200	36.3	65.7	71.3	74.2	80.4	82.0	84.1	87.0	87.9	89.1	90.0	90.1	90.4	90.4	91.0	91.4
≥ 1000	36.4	65.9	71.6	74.4	80.8	82.3	84.8	87.9	88.9	90.2	91.0	91.2	91.5	91.5	92.1	92.5
≥ 900	36.4	66.1	71.7	74.7	81.0	82.6	85.3	88.4	89.4	90.7	91.5	91.6	92.0	92.0	92.6	93.0
≥ 800	36.4	66.1	71.7	74.7	81.0	82.9	85.8	88.9	89.8	91.2	92.1	92.2	92.6	92.6	93.2	93.5
≥ 700	36.4	66.1	71.7	74.8	81.2	83.2	86.0	89.2	90.2	91.5	92.6	92.7	93.1	93.1	93.7	94.0
≥ 600	36.4	66.1	71.7	74.8	81.2	83.4	86.5	89.7	90.7	92.1	93.2	93.3	93.7	93.7	94.3	94.6
≥ 500	36.4	66.1	71.7	75.0	81.7	83.9	87.3	90.7	91.6	93.3	94.5	94.6	95.0	95.0	95.6	95.9
≥ 400	36.7	66.4	72.0	75.5	82.3	84.7	88.3	92.0	93.1	94.7	95.9	96.1	96.5	96.5	97.4	97.7
≥ 300	36.7	66.4	72.0	75.5	82.3	84.7	88.5	92.2	93.3	95.1	96.4	96.5	97.0	97.0	98.0	98.3
≥ 200	36.7	66.4	72.0	75.5	82.3	84.7	88.5	92.2	93.3	95.1	96.5	96.8	97.3	97.3	98.3	98.9
≥ 100	36.7	66.4	72.0	75.5	82.3	84.7	88.5	92.2	93.3	95.2	96.7	96.9	97.4	97.4	98.7	99.8
≥ 0	36.7	66.4	72.0	75.5	82.3	84.7	88.5	92.2	93.3	95.2	96.7	96.9	97.4	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	32.0	47.3	49.1	51.3	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	35.6	54.2	56.8	59.0	59.6	60.1	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	35.6	54.5	57.0	59.3	59.9	60.3	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 16000	35.6	54.5	57.0	59.3	59.9	60.3	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 14000	35.7	54.8	57.3	59.6	60.3	60.8	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 12000	37.0	57.3	60.1	62.7	63.4	63.9	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 10000	38.0	59.5	62.2	65.0	66.4	67.0	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	38.6	60.6	63.3	66.2	67.6	68.2	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 8000	39.1	62.4	65.2	68.2	69.8	70.4	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 7000	39.8	64.6	67.6	70.7	72.4	73.0	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	39.8	65.0	68.2	71.3	73.0	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	40.6	66.5	70.0	73.6	75.4	76.0	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	41.2	67.4	70.8	74.4	76.2	76.8	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	42.1	68.9	73.0	76.8	78.7	79.3	80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	42.3	69.5	74.1	77.9	80.2	80.8	81.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	43.5	72.0	76.9	81.0	83.4	84.2	84.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	44.1	73.4	78.3	82.4	85.1	86.1	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	44.8	75.4	80.4	84.7	87.7	88.8	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	45.2	75.9	80.9	85.2	88.2	89.2	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	45.5	76.9	82.0	86.3	89.2	90.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	46.2	78.3	83.3	87.7	90.8	91.9	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	46.4	78.7	84.2	88.8	92.1	93.2	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	46.4	79.0	84.6	89.4	92.7	93.8	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	46.4	79.2	84.9	89.7	93.1	94.5	95.7	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	46.5	79.5	85.2	90.2	93.5	95.0	96.2	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	46.5	79.5	85.5	90.7	94.0	95.5	96.7	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	46.6	79.6	86.0	91.3	94.9	96.5	97.7	98.6	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 400	46.6	79.8	86.0	91.4	95.1	96.8	98.0	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8
≥ 300	46.6	79.8	86.0	91.4	95.1	96.8	98.0	98.9	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	46.6	79.8	86.0	91.4	95.1	96.8	98.0	98.9	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	46.6	79.8	86.0	91.4	95.1	96.8	98.0	98.9	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	46.6	79.8	86.0	91.4	95.1	96.8	98.0	98.9	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.1	44.7	47.1	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	36.6	54.1	56.5	57.8	58.1	58.2	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	36.6	54.5	56.9	58.2	58.4	58.5	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 16000	36.6	54.5	56.9	58.2	58.4	58.5	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	36.8	54.7	57.1	58.8	59.0	59.1	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 12000	37.8	57.0	59.6	61.4	61.6	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	38.8	59.0	61.6	63.4	64.3	64.4	64.6	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	39.5	60.0	62.6	64.4	65.2	65.4	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 8000	40.5	63.9	66.7	68.8	69.7	69.8	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000	40.9	65.8	68.6	70.7	71.8	71.9	72.2	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6000	41.0	66.4	69.2	71.3	72.4	72.5	72.8	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 5000	41.3	67.0	69.8	72.0	73.1	73.2	73.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	41.8	67.6	70.5	72.8	73.8	74.0	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000	43.1	72.0	75.3	77.5	79.1	79.2	79.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	43.1	73.1	76.7	79.1	80.8	80.9	81.5	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	46.0	77.8	81.6	84.3	86.1	86.3	86.9	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500	46.2	79.1	82.9	85.7	87.6	87.7	88.3	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	46.5	80.8	85.1	87.8	90.0	90.1	90.7	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	46.5	81.0	85.3	88.1	90.2	90.3	90.9	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	47.4	82.6	87.0	89.8	92.2	92.4	93.0	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	47.4	83.4	87.8	90.8	93.7	93.8	94.4	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	47.7	83.8	88.3	91.3	94.3	94.5	95.3	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	47.7	83.9	88.5	91.6	94.6	94.9	95.7	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	47.7	84.0	88.6	91.9	95.2	95.5	96.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	47.7	84.0	88.6	91.9	95.2	95.5	96.3	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	47.7	84.0	88.8	92.0	95.5	95.7	96.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	47.7	84.3	89.1	92.4	95.8	96.2	97.4	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	47.7	84.3	89.1	92.6	96.1	96.5	97.7	99.0	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	47.7	84.3	89.1	92.6	96.1	96.5	97.8	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.7	84.3	89.1	92.6	96.1	96.5	97.8	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.7	84.3	89.1	92.6	96.1	96.5	97.8	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.7	84.3	89.1	92.6	96.1	96.5	97.8	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	32.6	47.3	49.3	50.9	51.1	51.1	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 20000	36.8	55.2	57.6	59.6	60.0	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 18000	37.0	55.8	58.2	60.2	60.6	60.7	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 16000	37.0	55.8	58.2	60.2	60.6	60.7	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 14000	37.6	57.5	60.0	62.0	62.4	62.5	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 12000	38.4	59.4	62.2	64.5	64.9	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 10000	39.2	61.5	64.8	67.5	68.1	68.2	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	39.9	62.8	66.1	68.8	69.4	69.5	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	40.5	65.0	68.3	71.3	72.0	72.2	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	41.2	66.7	70.4	73.5	74.3	74.4	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	41.2	67.3	71.2	74.4	75.5	75.6	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	41.6	67.6	71.6	74.8	75.9	76.0	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	41.6	68.2	72.4	75.6	76.7	76.8	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	43.1	72.4	77.3	80.8	82.0	82.1	82.3	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	43.5	74.3	79.2	82.8	84.0	84.1	84.3	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	45.6	78.7	84.1	88.2	89.4	89.5	89.8	90.3	90.6	90.7	90.8	90.8	90.8	90.8	90.9	90.9
≥ 2500	45.9	79.9	85.3	89.4	90.7	90.8	91.2	91.6	91.9	92.0	92.1	92.1	92.1	92.1	92.2	92.2
≥ 2000	46.4	81.1	86.5	90.6	91.9	92.0	92.5	93.0	93.3	93.4	93.5	93.5	93.5	93.5	93.7	93.7
≥ 1800	46.4	81.2	86.6	90.7	92.0	92.1	92.6	93.1	93.4	93.5	93.7	93.7	93.7	93.7	93.8	93.8
≥ 1500	46.5	81.5	86.9	90.9	92.6	92.7	93.2	94.0	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.7
≥ 1200	46.6	81.7	87.1	91.5	93.5	93.7	94.3	95.1	95.5	95.6	95.7	95.7	95.7	95.7	95.8	95.8
≥ 1000	46.6	82.2	87.8	92.0	94.0	94.3	95.0	95.8	96.2	96.3	96.4	96.4	96.4	96.4	96.5	96.5
≥ 900	46.6	82.2	87.9	92.2	94.3	94.5	95.2	96.1	96.4	96.5	96.7	96.7	96.7	96.7	96.8	96.8
≥ 800	46.6	82.2	87.9	92.2	94.4	94.7	95.6	96.4	96.8	96.9	97.0	97.0	97.1	97.1	97.3	97.3
≥ 700	46.6	82.2	87.9	92.2	94.4	94.7	95.6	96.4	96.8	96.9	97.0	97.0	97.1	97.1	97.3	97.3
≥ 600	46.6	82.2	87.9	92.4	94.6	95.0	96.2	97.0	97.4	97.5	97.6	97.6	97.7	97.7	97.8	97.8
≥ 500	46.7	82.6	88.3	92.7	95.3	95.7	97.1	98.3	98.7	98.8	99.0	99.0	99.2	99.2	99.3	99.3
≥ 400	46.7	82.6	88.3	93.1	95.7	96.1	97.5	98.9	99.3	99.4	99.6	99.6	99.8	99.8	99.9	99.9
≥ 300	46.7	82.6	88.3	93.1	95.7	96.1	97.5	98.9	99.3	99.4	99.6	99.6	99.8	99.8	99.9	99.9
≥ 200	46.7	82.6	88.3	93.1	95.7	96.2	97.6	99.0	99.4	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	46.7	82.6	88.3	93.1	95.7	96.2	97.6	99.0	99.4	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	46.7	82.6	88.3	93.1	95.7	96.2	97.6	99.0	99.4	99.5	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	34.5	51.5	53.6	54.7	55.1	55.2	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	38.4	59.9	62.4	63.9	64.4	64.6	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	38.4	60.3	62.8	64.4	64.9	65.1	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000	38.4	60.5	63.0	64.5	65.0	65.2	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 14000	38.7	61.3	63.8	65.6	66.3	66.5	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	39.4	62.1	64.6	66.4	67.1	67.5	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 10000	40.4	66.1	69.1	71.2	72.0	72.4	72.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 9000	41.0	67.0	70.0	72.2	73.0	73.4	73.6	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000	41.8	69.7	72.9	75.6	76.5	76.8	77.1	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 7000	42.5	71.3	75.3	78.3	79.5	79.8	80.2	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	42.8	71.9	76.0	79.0	80.2	80.5	81.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	43.1	72.5	76.6	79.7	81.0	81.4	81.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	43.1	73.1	77.4	80.6	82.0	82.3	82.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000	44.4	75.4	80.3	84.2	85.7	86.0	86.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	44.6	76.6	81.5	85.8	87.3	87.7	88.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	45.4	78.3	83.2	87.7	89.5	90.0	90.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 2500	45.5	79.5	84.3	89.1	90.9	91.4	91.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 2000	45.5	79.8	84.7	89.7	91.6	92.1	92.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 1800	45.5	80.3	85.2	90.2	92.1	92.6	93.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 1500	45.5	80.4	85.3	90.4	92.4	92.8	93.4	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 1200	45.5	80.4	85.3	90.8	92.7	93.2	93.8	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1000	45.5	81.0	86.0	92.0	93.9	94.4	95.0	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 900	45.5	81.1	86.1	92.4	94.4	94.9	95.5	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 800	45.5	81.1	86.1	92.5	94.5	95.0	95.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 700	45.5	81.1	86.3	92.7	94.7	95.2	95.8	97.0	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3
≥ 600	45.5	81.1	86.5	93.0	95.0	95.5	96.1	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 500	45.5	81.1	86.5	93.0	95.0	95.6	96.2	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 400	45.5	81.1	86.5	93.2	95.3	95.9	96.5	98.2	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 300	45.5	81.1	86.5	93.3	95.5	96.1	96.7	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 200	45.5	81.1	86.5	93.3	95.5	96.1	96.7	98.8	99.3	99.5	99.5	99.5	99.6	99.6	99.8	99.8
≥ 100	45.5	81.1	86.5	93.3	95.5	96.1	96.7	98.8	99.3	99.5	99.5	99.5	99.6	99.6	99.8	99.8
≥ 0	45.5	81.1	86.5	93.3	95.5	96.1	96.7	98.8	99.3	99.5	99.5	99.5	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	34.6	57.8	59.8	60.9	62.1	62.3	62.4	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.2	63.2
≥ 20000	36.0	61.7	63.9	65.0	66.5	66.7	66.9	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.7	67.7
≥ 18000	36.0	62.0	64.1	65.2	66.7	67.0	67.1	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.9	67.9
≥ 16000	36.0	62.0	64.1	65.2	66.7	67.0	67.1	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.9	67.9
≥ 14000	36.1	62.1	64.4	65.8	67.5	67.8	67.9	68.4	68.4	68.4	68.4	68.4	68.7	68.7	68.8	68.8
≥ 12000	36.5	62.9	65.2	66.8	68.3	68.7	68.8	69.3	69.3	69.3	69.3	69.3	69.6	69.6	69.7	69.7
≥ 10000	37.2	65.2	67.6	69.1	70.9	71.3	71.4	72.1	72.1	72.1	72.1	72.1	72.5	72.5	72.6	72.6
≥ 9000	37.4	66.1	68.5	70.1	71.9	72.2	72.4	73.1	73.1	73.1	73.1	73.1	73.4	73.4	73.6	73.6
≥ 8000	38.0	68.2	70.9	72.5	74.3	74.6	74.8	75.5	75.5	75.5	75.5	75.5	75.8	75.8	76.0	76.0
≥ 7000	38.4	69.6	73.1	75.1	76.9	77.3	77.4	78.1	78.1	78.1	78.1	78.1	78.5	78.5	78.6	78.6
≥ 6000	39.0	70.6	74.5	76.6	78.5	78.8	78.9	79.7	79.7	79.7	79.7	79.7	80.0	80.0	80.1	80.1
≥ 5000	39.0	71.3	75.7	77.8	79.8	80.3	80.4	81.1	81.1	81.1	81.1	81.1	81.5	81.5	81.6	81.6
≥ 4500	39.0	72.1	76.6	78.7	81.0	81.5	81.6	82.3	82.3	82.3	82.3	82.3	82.7	82.7	82.8	82.8
≥ 4000	40.3	75.4	79.8	82.6	85.9	86.5	86.8	87.6	87.6	87.6	87.6	87.6	87.9	87.9	88.0	88.0
≥ 3500	41.0	76.6	81.0	84.4	87.9	88.5	88.9	89.7	89.7	89.7	89.7	89.7	90.1	90.1	90.2	90.2
≥ 3000	41.9	78.9	83.4	87.2	90.9	91.5	92.0	93.1	93.1	93.1	93.1	93.1	93.4	93.4	93.5	93.5
≥ 2500	41.9	79.3	84.0	88.0	91.7	92.3	93.1	94.1	94.1	94.1	94.1	94.1	94.5	94.5	94.6	94.6
≥ 2000	42.0	79.5	84.2	88.5	92.2	92.8	93.5	94.6	94.6	94.6	94.6	94.6	95.0	95.0	95.1	95.1
≥ 1800	42.0	79.7	84.3	88.6	92.3	92.9	93.7	94.7	94.7	94.7	94.7	94.7	95.1	95.1	95.2	95.2
≥ 1500	42.0	79.9	84.6	89.0	92.7	93.3	94.1	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.8	95.8
≥ 1200	42.0	79.9	84.6	89.0	92.7	93.3	94.1	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.8	95.8
≥ 1000	42.0	80.1	85.2	90.1	93.8	94.4	95.2	96.4	96.4	96.4	96.4	96.4	96.8	96.8	96.9	96.9
≥ 900	42.0	80.3	85.3	90.3	94.0	94.6	95.5	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.1	97.1
≥ 800	42.0	80.3	85.3	90.3	94.0	94.7	95.6	96.8	96.8	96.8	96.8	96.8	97.1	97.1	97.2	97.2
≥ 700	42.0	80.3	85.3	90.3	94.0	94.7	95.8	97.0	97.1	97.1	97.1	97.1	97.5	97.5	97.6	97.6
≥ 600	42.0	80.3	85.3	90.3	94.0	94.7	96.1	97.4	97.5	97.5	97.5	97.5	97.8	97.8	98.0	98.0
≥ 500	42.0	80.5	85.6	90.7	94.4	95.2	96.5	97.8	98.0	98.0	98.0	98.0	98.3	98.3	98.4	98.4
≥ 400	42.0	80.5	85.6	90.7	94.5	95.3	96.9	98.2	98.3	98.4	98.4	98.4	98.8	98.8	98.9	98.9
≥ 300	42.0	80.5	85.6	90.7	94.5	95.3	96.9	98.2	98.3	98.4	98.4	98.4	98.8	98.8	98.9	98.9
≥ 200	42.0	80.5	85.6	90.7	94.5	95.3	97.0	98.7	98.8	98.9	98.9	98.9	99.3	99.3	99.4	99.6
≥ 100	42.0	80.5	85.6	90.7	94.5	95.3	97.0	98.7	98.8	98.9	98.9	98.9	99.3	99.3	99.4	99.6
≥ 0	42.0	80.5	85.6	90.7	94.5	95.3	97.0	98.7	98.8	98.9	98.9	98.9	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 836

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 7/8	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	32.0	50.2	52.7	54.1	55.4	55.7	56.0	56.4	56.7	56.8	57.0	57.0	57.1	57.1	57.2	57.3
≥ 20000	34.9	56.3	59.1	60.7	62.3	62.7	63.1	63.7	63.9	64.1	64.3	64.3	64.4	64.4	64.5	64.6
≥ 18000	34.9	56.6	59.3	61.0	62.5	63.0	63.3	64.0	64.2	64.4	64.6	64.6	64.7	64.7	64.8	64.9
≥ 16000	34.9	56.6	59.4	61.0	62.6	63.0	63.4	64.0	64.3	64.5	64.6	64.6	64.8	64.8	64.9	65.0
≥ 14000	35.1	57.3	60.1	61.9	63.6	64.1	64.4	65.0	65.3	65.5	65.6	65.6	65.8	65.8	65.9	66.0
≥ 12000	35.7	58.7	61.6	63.5	65.2	65.7	66.1	66.7	67.0	67.2	67.3	67.3	67.5	67.5	67.6	67.7
≥ 10000	36.6	61.0	64.2	66.3	68.3	68.8	69.3	70.0	70.3	70.5	70.6	70.6	70.8	70.8	70.9	71.0
≥ 9000	37.1	61.8	65.1	67.2	69.2	69.7	70.1	70.9	71.1	71.4	71.5	71.5	71.7	71.7	71.8	71.9
≥ 8000	37.7	63.9	67.3	69.7	71.9	72.4	72.8	73.6	73.9	74.1	74.2	74.2	74.4	74.4	74.5	74.6
≥ 7000	38.3	65.5	69.3	71.8	74.1	74.6	75.1	75.9	76.2	76.4	76.5	76.5	76.7	76.7	76.8	76.9
≥ 6000	38.5	66.1	70.0	72.6	74.9	75.4	75.9	76.8	77.0	77.3	77.4	77.4	77.6	77.6	77.7	77.8
≥ 5000	38.8	66.8	71.0	73.7	76.1	76.6	77.1	78.0	78.3	78.5	78.7	78.7	78.8	78.8	78.9	79.0
≥ 4500	38.9	67.3	71.6	74.3	76.8	77.3	77.8	78.7	79.0	79.2	79.4	79.4	79.5	79.5	79.6	79.7
≥ 4000	40.0	70.3	74.9	78.0	80.8	81.4	82.0	83.0	83.2	83.5	83.7	83.7	83.9	83.9	84.0	84.1
≥ 3500	40.2	71.2	76.0	79.3	82.5	83.1	83.8	84.8	85.1	85.4	85.6	85.6	85.8	85.8	85.9	86.0
≥ 3000	41.4	73.7	78.8	82.2	85.6	86.3	87.0	88.1	88.4	88.7	88.9	88.9	89.1	89.1	89.3	89.4
≥ 2500	41.7	74.5	79.6	83.2	86.8	87.5	88.3	89.5	89.8	90.1	90.3	90.3	90.5	90.5	90.6	90.8
≥ 2000	41.9	75.5	80.7	84.3	88.2	88.9	89.8	91.0	91.4	91.6	91.8	91.8	92.0	92.0	92.2	92.3
≥ 1800	42.0	75.9	81.1	84.8	88.5	89.2	90.1	91.4	91.7	92.0	92.1	92.2	92.4	92.4	92.5	92.6
≥ 1500	42.3	76.5	81.7	85.6	89.4	90.1	91.0	92.4	92.8	93.0	93.2	93.2	93.4	93.5	93.6	93.7
≥ 1200	42.4	76.9	82.3	86.2	90.2	90.9	91.9	93.3	93.7	94.0	94.1	94.2	94.4	94.4	94.5	94.6
≥ 1000	42.5	77.3	82.8	86.8	90.9	91.7	92.8	94.2	94.6	94.9	95.1	95.1	95.3	95.3	95.4	95.5
≥ 900	42.5	77.4	82.9	87.1	91.2	92.0	93.1	94.5	94.9	95.2	95.4	95.4	95.6	95.7	95.8	95.9
≥ 800	42.5	77.4	83.0	87.3	91.4	92.3	93.5	95.0	95.4	95.7	95.9	95.9	96.1	96.1	96.3	96.4
≥ 700	42.5	77.5	83.1	87.4	91.6	92.5	93.7	95.2	95.7	96.0	96.2	96.2	96.4	96.4	96.6	96.7
≥ 600	42.5	77.5	83.2	87.6	91.8	92.8	94.1	95.7	96.1	96.5	96.7	96.7	96.9	97.0	97.1	97.2
≥ 500	42.5	77.7	83.4	87.9	92.2	93.2	94.7	96.4	96.8	97.2	97.5	97.5	97.7	97.8	97.9	98.0
≥ 400	42.5	77.8	83.6	88.2	92.7	93.7	95.3	97.1	97.6	98.0	98.3	98.4	98.6	98.7	98.8	99.0
≥ 300	42.5	77.8	83.6	88.2	92.7	93.8	95.3	97.2	97.8	98.3	98.6	98.6	98.9	98.9	99.1	99.3
≥ 200	42.5	77.8	83.6	88.2	92.7	93.8	95.4	97.3	97.9	98.4	98.8	98.8	99.1	99.1	99.4	99.6
≥ 100	42.5	77.8	83.6	88.2	92.7	93.8	95.4	97.3	97.9	98.4	98.8	98.8	99.1	99.2	99.5	99.8
≥ 0	42.5	77.8	83.6	88.2	92.7	93.8	95.4	97.3	97.9	98.4	98.8	98.8	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6695

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	30.6	53.5	55.4	56.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.7	57.7	57.7	57.7
≥ 20000	32.2	56.2	58.1	59.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.4	60.4	60.4	60.4
≥ 18000	32.2	56.2	58.1	59.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.4	60.4	60.4	60.4
≥ 16000	32.2	56.2	58.1	59.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.4	60.4	60.4	60.4
≥ 14000	32.7	56.8	58.8	59.6	60.7	60.7	60.7	60.7	60.7	60.9	60.9	60.9	61.0	61.0	61.0	61.0
≥ 12000	32.8	56.9	58.9	59.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1
≥ 10000	33.3	58.4	60.5	61.4	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.7
≥ 9000	33.5	58.6	60.7	61.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	63.0	63.0	63.0	63.0
≥ 8000	34.1	61.0	63.1	64.6	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.2	66.2	66.2	66.2
≥ 7000	35.8	64.1	66.8	67.7	69.1	69.1	69.1	69.1	69.1	69.3	69.3	69.3	69.4	69.4	69.4	69.4
≥ 6000	35.9	64.6	67.3	68.1	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9
≥ 5000	36.5	66.2	69.0	70.1	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0
≥ 4500	37.0	67.5	70.4	71.7	73.3	73.3	73.5	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7
≥ 4000	39.3	71.9	75.1	76.4	78.0	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5
≥ 3500	40.7	74.8	78.1	79.6	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9	81.9
≥ 3000	42.5	78.1	81.5	83.0	84.7	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 2500	43.2	80.0	83.6	85.3	87.3	87.4	87.5	87.5	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 2000	43.2	81.1	84.7	86.7	88.9	89.0	89.3	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 1800	43.5	81.9	85.4	87.4	89.6	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.4	90.4	90.4	90.4
≥ 1500	44.4	83.8	87.7	89.9	92.1	92.2	92.5	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 1200	44.7	84.2	88.0	90.2	92.5	92.6	93.2	93.3	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6
≥ 1000	44.8	84.4	88.4	90.6	93.1	93.2	94.2	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 900	44.8	84.6	88.6	90.9	93.3	93.5	94.4	94.8	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95.1
≥ 800	44.8	85.1	89.4	91.7	94.7	94.8	95.8	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 700	44.8	85.2	89.5	92.0	95.1	95.2	96.2	96.5	96.5	96.6	96.6	96.6	96.9	96.9	97.0	97.0
≥ 600	44.8	85.2	89.6	92.2	95.4	95.6	96.7	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.5	97.5
≥ 500	44.8	85.2	89.6	92.3	95.9	96.0	97.2	97.5	97.7	98.0	98.0	98.0	98.1	98.1	98.3	98.3
≥ 400	44.8	85.2	89.6	92.7	96.4	96.5	98.0	98.4	98.5	98.9	98.9	98.9	99.0	99.0	99.1	99.1
≥ 300	44.8	85.2	89.6	92.7	96.4	96.5	98.3	98.6	98.8	99.1	99.3	99.3	99.4	99.4	99.5	99.5
≥ 200	44.8	85.2	89.6	92.7	96.4	96.5	98.3	98.8	99.0	99.4	99.5	99.6	99.8	99.8	99.9	99.9
≥ 100	44.8	85.2	89.6	92.7	96.4	96.5	98.3	98.8	99.0	99.4	99.5	99.6	99.8	99.8	99.9	99.9
≥ 0	44.8	85.2	89.6	92.7	96.4	96.5	98.3	98.8	99.0	99.4	99.5	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

0300-0500 (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.8	51.1	53.3	54.8	56.0	56.2	56.5	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	30.6	53.0	55.3	56.8	58.0	58.1	58.5	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000	30.6	53.0	55.3	56.8	58.0	58.1	58.5	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 16000	30.6	53.0	55.3	56.8	58.0	58.1	58.5	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	30.9	53.5	56.2	57.7	58.9	59.0	59.4	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	30.9	53.7	56.4	57.9	59.1	59.3	59.6	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	32.0	56.5	59.3	60.7	62.0	62.1	62.5	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	32.2	57.0	59.8	61.2	62.5	62.6	63.0	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 8000	33.8	59.9	62.7	64.2	65.6	65.7	66.0	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	35.1	62.0	65.2	66.7	68.0	68.1	68.5	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	35.1	62.5	65.7	67.2	68.5	68.6	69.0	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 5000	36.0	64.4	67.7	69.5	70.9	71.0	71.4	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500	36.3	65.6	69.1	71.4	72.7	72.8	73.2	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000	38.4	70.6	74.6	76.8	78.1	78.3	78.6	78.9	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	38.9	72.0	76.2	78.4	79.8	79.9	80.2	80.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	40.6	74.1	78.3	80.5	81.9	82.0	82.3	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500	41.1	75.8	80.0	82.2	83.6	83.7	84.2	84.4	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	41.6	78.0	82.3	85.1	86.5	86.7	87.4	87.7	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	42.0	78.8	83.1	85.8	87.3	87.4	88.1	88.4	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1500	43.0	80.2	84.8	87.5	89.1	89.3	90.1	90.4	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1200	43.3	80.9	85.4	88.5	90.1	90.5	91.4	91.6	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	43.6	81.5	86.0	89.4	91.4	91.7	92.6	92.8	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	43.6	81.7	86.3	89.6	91.6	92.1	93.0	93.3	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	43.7	82.3	86.9	90.4	92.5	93.0	94.0	94.3	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	43.7	82.3	86.9	90.5	93.0	93.5	94.6	94.9	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 600	43.7	82.5	87.0	90.6	93.2	93.7	94.8	95.6	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.5
≥ 500	43.7	82.6	87.3	90.9	93.7	94.2	95.8	96.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 400	43.7	82.7	87.5	91.1	94.0	94.4	96.4	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 300	43.7	82.7	87.5	91.1	94.0	94.4	96.5	97.3	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 200	43.7	82.7	87.5	91.1	94.0	94.4	96.7	97.4	97.9	98.8	99.1	99.1	99.3	99.3	99.3	99.4
≥ 100	43.7	82.7	87.5	91.1	94.0	94.4	96.7	97.4	97.9	98.8	99.1	99.1	99.4	99.4	99.4	99.5
0	43.7	82.7	87.5	91.1	94.0	94.4	96.7	97.4	97.9	98.8	99.1	99.1	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	23.3	39.8	41.4	43.0	44.9	45.4	46.0	46.8	47.0	47.3	47.3	47.3	47.5	47.5	47.5	47.9
≥ 20000	26.9	43.9	45.3	47.0	49.0	49.5	50.1	51.0	51.2	51.5	51.5	51.5	51.7	51.7	51.7	52.2
≥ 18000	26.5	43.7	45.6	47.3	49.4	49.9	50.5	51.4	51.6	51.9	51.9	51.9	52.1	52.1	52.1	52.6
≥ 16000	26.5	43.7	45.6	47.3	49.4	49.9	50.5	51.4	51.6	51.9	51.9	51.9	52.1	52.1	52.1	52.6
≥ 14000	26.8	44.1	45.9	47.7	49.8	50.2	50.9	51.9	52.1	52.5	52.5	52.5	52.7	52.7	52.7	53.2
≥ 12000	27.9	45.6	47.5	49.3	51.4	51.9	52.5	53.6	53.8	54.2	54.2	54.2	54.4	54.4	54.4	54.9
≥ 10000	28.8	47.9	49.9	51.7	53.8	54.3	55.1	56.4	56.8	57.2	57.2	57.2	57.4	57.4	57.4	57.9
≥ 9000	28.9	48.5	50.5	52.3	54.4	54.9	55.7	57.0	57.4	57.8	57.8	57.8	58.0	58.0	58.0	58.5
≥ 8000	30.9	52.3	54.6	56.7	58.8	59.4	60.1	61.4	62.0	62.5	62.5	62.5	62.7	62.7	62.7	63.2
≥ 7000	31.9	54.4	57.3	59.6	61.7	62.3	63.1	64.6	64.9	65.4	65.4	65.4	65.7	65.7	65.7	66.2
≥ 6000	32.2	55.7	58.5	60.9	63.0	63.6	64.3	65.8	66.2	66.7	66.7	66.7	66.9	66.9	66.9	67.4
≥ 5000	33.6	58.3	61.1	63.7	65.8	66.4	67.2	68.6	69.0	69.5	69.5	69.5	69.8	69.8	69.8	70.2
≥ 4500	33.8	59.3	62.3	64.9	67.0	67.8	68.5	70.0	70.4	70.9	70.9	70.9	71.1	71.1	71.1	71.6
≥ 4000	36.4	64.1	67.3	70.2	72.6	73.3	74.2	75.7	76.0	76.5	76.5	76.5	76.8	76.8	76.8	77.3
≥ 3500	36.8	65.2	68.4	71.5	74.1	74.8	75.7	77.2	77.5	78.0	78.0	78.0	78.3	78.3	78.3	78.8
≥ 3000	38.6	68.0	71.2	74.3	77.0	77.8	78.8	80.4	80.7	81.2	81.2	81.2	81.5	81.5	81.5	82.0
≥ 2500	39.3	69.5	72.7	75.8	78.5	79.3	80.4	82.0	82.3	82.8	82.8	82.8	83.1	83.1	83.1	83.6
≥ 2000	40.2	72.0	75.2	78.4	81.1	82.0	83.1	84.8	85.2	85.8	85.8	85.8	86.0	86.0	86.0	86.5
≥ 1800	40.4	72.2	75.4	78.6	81.4	82.2	83.3	85.1	85.4	86.0	86.0	86.0	86.3	86.3	86.3	86.8
≥ 1500	40.9	73.5	76.8	80.1	82.8	83.8	84.9	86.8	87.2	87.8	87.8	87.8	88.0	88.0	88.0	88.5
≥ 1200	41.1	74.4	77.9	81.4	84.1	85.2	86.3	88.3	88.6	89.3	89.3	89.3	89.5	89.5	89.5	90.0
≥ 1000	41.2	75.3	78.8	82.3	85.2	86.3	87.5	89.6	90.0	90.6	90.6	90.6	90.9	90.9	90.9	91.4
≥ 900	41.2	75.8	79.3	83.1	86.0	87.2	88.6	90.7	91.1	91.7	91.7	91.7	92.0	92.0	92.0	92.5
≥ 800	41.4	77.0	80.6	84.4	87.5	88.6	9 .2	92.5	92.8	93.5	93.5	93.5	93.7	93.7	93.8	94.3
≥ 700	41.4	77.0	80.8	84.6	87.9	89.0	90.7	93.0	93.5	94.1	94.1	94.1	94.3	94.3	94.4	94.9
≥ 600	41.4	77.3	80.9	84.8	88.4	89.5	91.9	94.0	94.4	95.1	95.1	95.1	95.3	95.3	95.4	95.9
≥ 500	41.4	77.4	81.0	84.9	89.0	90.2	92.7	95.2	95.7	96.4	96.4	96.4	96.7	96.7	96.8	97.3
≥ 400	41.4	77.5	81.1	85.2	89.4	90.6	93.9	96.0	96.7	97.4	97.4	97.4	97.7	97.7	97.8	98.3
≥ 300	41.4	77.5	81.1	85.2	89.4	90.6	93.9	96.0	96.7	97.5	97.5	97.5	97.8	97.8	97.9	98.4
≥ 200	41.4	77.5	81.1	85.2	89.4	90.6	93.6	96.2	96.8	97.8	97.9	97.9	98.4	98.4	98.6	99.1
≥ 100	41.4	77.5	81.1	85.2	89.4	90.6	93.6	96.2	96.8	97.8	97.9	97.9	98.4	98.5	98.8	99.4
≥ 0	41.4	77.5	81.1	85.2	89.4	90.6	93.6	96.2	96.8	97.8	97.9	97.9	98.4	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥0
NO CEILING	25.3	42.5	43.1	43.6	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 20000	28.9	47.4	48.0	48.6	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 18000	28.9	47.9	48.5	49.1	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 16000	29.0	48.0	48.6	49.3	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 14000	29.0	48.3	48.9	49.5	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 12000	29.9	50.0	50.6	51.2	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 10000	31.0	52.5	53.5	54.1	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 9000	32.2	54.0	54.9	55.6	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 8000	34.0	57.2	58.4	59.0	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 7000	34.7	58.3	59.8	60.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 6000	34.9	60.1	61.7	62.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 5000	35.6	61.5	63.6	64.2	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
≥ 4500	35.6	62.1	64.4	65.2	66.2	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4000	36.8	65.9	68.3	69.1	70.1	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3500	38.0	67.5	69.9	70.7	71.7	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1
≥ 3000	40.6	71.5	74.0	75.3	76.4	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2500	41.5	73.3	76.0	77.4	78.6	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	43.7	76.4	79.1	80.5	81.9	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800	44.0	76.9	79.8	81.1	82.5	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	44.7	80.1	83.3	84.9	86.3	86.9	87.3	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	44.7	81.0	84.2	85.9	87.4	88.0	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	45.2	82.6	86.2	88.1	89.8	90.7	91.7	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	45.2	83.2	87.0	89.3	91.0	92.0	93.1	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	45.4	84.2	88.4	90.7	92.7	93.7	95.2	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9
≥ 700	45.4	84.3	88.5	90.9	92.8	94.0	95.4	95.9	95.9	96.2	96.4	96.4	96.4	96.4	96.4
≥ 600	45.4	84.3	88.9	91.2	93.6	94.7	96.2	97.2	97.2	97.4	97.7	97.7	97.7	97.7	97.7
≥ 500	45.4	84.3	88.9	91.6	94.0	95.1	96.9	98.0	98.0	98.3	98.5	98.5	98.5	98.5	98.5
≥ 400	45.4	84.3	88.9	91.6	94.2	95.3	97.3	98.4	98.5	98.8	99.0	99.0	99.0	99.0	99.0
≥ 300	45.4	84.3	88.9	91.6	94.3	95.4	97.4	98.8	98.9	99.4	99.6	99.6	99.8	99.8	99.8
≥ 200	45.4	84.3	88.9	91.6	94.3	95.4	97.4	98.8	98.9	99.4	99.8	99.8	99.9	99.9	99.9
≥ 100	45.4	84.3	88.9	91.6	94.3	95.4	97.4	98.8	98.9	99.4	99.8	99.8	99.9	99.9	99.9
≥ 0	45.4	84.3	88.9	91.6	94.3	95.4	97.4	98.8	98.9	99.4	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

72c395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	25.2	43.7	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 20000	29.4	49.9	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 18000	29.6	50.4	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 16000	29.8	50.5	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 14000	29.8	50.5	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 12000	30.2	51.7	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 10000	31.2	54.0	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 9000	31.6	54.3	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 8000	33.8	58.5	59.4	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	34.7	59.8	60.7	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000	34.8	61.4	62.5	63.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 5000	35.6	63.0	64.1	64.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 4500	35.8	63.6	64.8	65.7	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4000	37.2	65.9	67.2	68.1	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	38.9	68.5	69.8	70.7	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 3000	42.6	75.4	76.8	78.0	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 2500	44.2	78.3	79.6	81.0	81.7	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000	46.2	82.5	84.1	85.4	86.2	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	46.2	83.1	84.7	86.3	87.0	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1500	47.3	85.7	87.8	89.5	90.4	91.0	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	47.3	86.0	88.1	90.4	91.6	92.2	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	47.9	87.8	90.0	92.5	94.0	94.8	96.0	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	48.1	88.5	90.7	93.2	94.7	95.6	96.8	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	48.1	88.8	91.0	93.6	95.2	96.0	97.4	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	48.1	88.9	91.1	93.8	95.6	96.4	97.9	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	48.3	89.0	91.2	94.0	96.0	96.9	98.4	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	48.3	89.0	91.5	94.2	96.5	97.4	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	48.3	89.0	91.5	94.2	96.5	97.4	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	48.3	89.0	91.5	94.2	96.5	97.4	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	48.3	89.0	91.5	94.2	96.5	97.4	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	48.3	89.0	91.5	94.2	96.5	97.4	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	48.3	89.0	91.5	94.2	96.5	97.4	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	23.5	42.5	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 20000	28.0	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 18000	28.1	49.8	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 16000	28.1	49.8	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 14000	28.5	50.7	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 12000	29.5	52.2	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 10000	30.4	54.2	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 9000	31.4	55.3	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 8000	35.4	61.0	62.0	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 7000	36.4	62.8	63.8	64.2	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 6000	37.3	64.4	65.4	65.8	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 5000	37.9	66.9	67.9	68.3	68.8	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4500	37.9	67.5	68.5	69.0	69.6	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4000	39.6	70.7	72.0	72.5	73.2	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3500	40.0	72.2	73.5	74.0	74.7	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	43.2	78.9	80.4	80.9	81.7	81.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500	45.1	82.6	84.1	84.8	85.7	85.7	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	46.3	85.8	87.4	88.4	89.4	89.4	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	46.5	86.7	88.3	89.3	90.2	90.2	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500	47.3	88.8	90.5	91.7	92.7	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5
≥ 1200	47.3	89.3	91.0	92.5	93.6	93.7	94.7	94.9	94.9	94.9	95.1	95.1	95.2	95.2	95.2	95.2
≥ 1000	47.7	90.1	91.9	93.3	94.7	94.8	95.8	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4
≥ 900	47.7	90.4	92.2	93.8	95.2	95.3	96.4	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0
≥ 800	47.7	90.5	92.5	94.2	95.6	95.9	97.0	97.4	97.4	97.5	97.7	97.7	97.8	97.8	97.8	97.8
≥ 700	47.7	90.6	92.6	94.3	96.0	96.4	97.5	97.9	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5
≥ 600	47.9	90.9	92.8	94.8	96.7	97.0	98.3	98.6	98.8	99.0	99.1	99.1	99.3	99.3	99.3	99.3
≥ 500	47.9	90.9	93.0	95.1	97.0	97.4	98.9	99.3	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	47.9	90.9	93.0	95.1	97.0	97.4	98.9	99.3	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	47.9	90.9	93.0	95.2	97.2	97.5	99.0	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	47.9	90.9	93.0	95.2	97.2	97.5	99.0	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	47.9	90.9	93.0	95.2	97.2	97.5	99.0	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	47.9	90.9	93.0	95.2	97.2	97.5	99.0	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.9	48.4	50.1	50.4	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	30.6	54.4	56.3	56.5	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	30.6	54.4	56.3	56.5	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 16000	30.6	54.4	56.4	56.7	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 14000	31.9	55.9	57.9	58.1	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 12000	32.8	57.3	59.3	59.5	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 10000	33.7	60.0	62.2	62.5	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	33.7	60.0	62.3	62.6	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	36.7	65.6	68.3	68.6	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	38.4	68.6	71.4	72.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 6000	38.6	69.8	72.5	73.1	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	39.5	72.2	74.9	75.6	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4500	39.8	72.8	75.6	76.2	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	41.6	76.2	79.1	79.8	81.2	81.2	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	42.0	77.4	80.5	81.1	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	43.6	80.6	84.0	84.7	87.2	87.2	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500	44.3	82.6	86.2	87.2	89.6	89.6	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	44.7	83.7	87.4	88.4	91.4	91.4	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	45.2	84.7	88.4	89.4	92.3	92.3	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	45.4	85.7	89.4	90.5	93.6	93.6	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	45.6	86.0	89.9	91.1	94.2	94.2	94.6	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	45.6	86.0	89.9	91.4	94.6	94.6	94.9	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900	45.7	86.8	90.7	92.2	95.6	95.6	95.9	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	45.7	87.2	91.1	92.6	96.0	96.0	96.4	96.5	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	45.7	87.2	91.1	92.6	96.2	96.2	96.7	96.9	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	45.7	87.4	91.4	93.0	96.5	96.8	97.4	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	45.7	87.5	91.6	93.2	96.9	97.2	98.3	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	45.7	87.5	91.6	93.2	97.0	97.3	98.4	98.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	45.7	87.5	91.6	93.2	97.0	97.3	98.4	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	45.7	87.5	91.6	93.2	97.2	97.4	98.5	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	45.7	87.5	91.6	93.2	97.2	97.4	98.5	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	45.7	87.5	91.6	93.2	97.2	97.4	98.5	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	31.1	54.3	56.3	56.5	57.0	57.2	57.3	57.4	57.4	57.4	57.7	57.7	57.9	57.9	57.9	57.9
≥ 20000	32.1	56.8	59.0	59.3	59.8	59.9	60.0	60.1	60.1	60.1	60.4	60.4	60.6	60.6	60.6	60.6
≥ 18000	32.2	56.9	59.3	59.6	60.1	60.2	60.4	60.5	60.5	60.5	60.7	60.7	61.0	61.0	61.0	61.0
≥ 16000	32.3	57.0	59.4	59.8	60.2	60.4	60.5	60.6	60.6	60.6	60.9	60.9	61.1	61.1	61.1	61.1
≥ 14000	33.0	57.7	60.0	60.4	60.9	61.0	61.1	61.2	61.2	61.2	61.5	61.5	61.7	61.7	61.7	61.7
≥ 12000	33.8	58.6	61.0	61.4	61.9	62.0	62.1	62.2	62.2	62.2	62.5	62.5	62.7	62.7	62.7	62.7
≥ 10000	34.4	60.6	63.2	63.8	64.3	64.4	64.6	64.7	64.7	64.7	64.9	64.9	65.2	65.2	65.2	65.2
≥ 9000	34.4	60.6	63.2	63.8	64.3	64.4	64.6	64.7	64.7	64.7	64.9	64.9	65.2	65.2	65.2	65.2
≥ 8000	36.5	64.7	68.0	68.8	69.3	69.4	69.5	69.6	69.6	69.6	69.9	69.9	70.1	70.1	70.1	70.1
≥ 7000	37.4	67.2	70.5	71.2	71.9	72.0	72.1	72.2	72.2	72.2	72.5	72.5	72.7	72.7	72.7	72.7
≥ 6000	37.7	67.8	71.1	71.9	72.5	72.6	72.7	72.8	72.8	72.8	73.1	73.1	73.3	73.3	73.3	73.3
≥ 5000	38.3	70.2	73.7	74.7	75.4	75.6	75.7	75.8	75.8	75.8	76.0	76.0	76.3	76.3	76.3	76.3
≥ 4500	38.8	71.4	74.8	75.8	76.5	76.7	76.8	76.9	76.9	76.9	77.2	77.2	77.4	77.4	77.4	77.4
≥ 4000	40.7	75.4	79.6	80.9	81.7	81.9	82.0	82.1	82.1	82.1	82.3	82.3	82.6	82.6	82.6	82.6
≥ 3500	41.2	77.0	81.6	83.0	84.2	84.3	84.4	84.6	84.6	84.6	84.8	84.8	85.1	85.1	85.1	85.1
≥ 3000	43.2	79.9	84.6	85.9	87.5	87.7	87.8	87.9	87.9	87.9	88.1	88.1	88.4	88.4	88.4	88.4
≥ 2500	43.6	81.2	86.2	87.7	89.5	89.6	89.8	89.9	89.9	89.9	90.1	90.1	90.4	90.4	90.4	90.4
≥ 2000	43.8	83.5	88.4	89.9	92.0	92.1	92.2	92.3	92.3	92.3	92.6	92.6	92.8	92.8	92.8	92.8
≥ 1800	43.8	83.6	88.5	90.1	92.2	92.3	92.6	92.7	92.7	92.7	93.0	93.0	93.2	93.2	93.2	93.2
≥ 1500	44.1	84.7	89.6	91.2	93.5	93.6	93.8	94.0	94.0	94.0	94.2	94.2	94.4	94.4	94.4	94.4
≥ 1200	44.1	85.4	90.4	92.1	94.4	94.6	94.8	94.9	94.9	94.9	95.2	95.2	95.4	95.4	95.4	95.4
≥ 1000	44.1	85.7	90.7	92.6	94.9	95.1	95.3	95.4	95.4	95.4	95.7	95.7	95.9	95.9	95.9	95.9
≥ 900	44.1	86.7	91.7	93.6	95.9	96.0	96.3	96.4	96.4	96.4	96.7	96.7	96.9	96.9	96.9	96.9
≥ 800	44.1	86.9	92.0	94.0	96.4	96.7	96.9	97.0	97.0	97.0	97.3	97.3	97.5	97.5	97.5	97.5
≥ 700	44.1	87.0	92.1	94.1	96.5	96.8	97.4	97.5	97.5	97.5	97.8	97.8	98.0	98.0	98.0	98.0
≥ 600	44.1	87.2	92.3	94.3	96.9	97.3	97.9	98.0	98.0	98.0	98.3	98.3	98.5	98.5	98.5	98.5
≥ 500	44.1	87.4	92.7	94.7	97.3	97.7	98.5	98.8	98.8	98.8	99.0	99.0	99.3	99.3	99.3	99.3
≥ 400	44.1	87.4	92.8	94.8	97.4	97.8	98.8	99.1	99.1	99.1	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	44.1	87.5	93.0	94.9	97.7	98.0	99.0	99.5	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	44.1	87.5	93.0	94.9	97.7	98.0	99.0	99.5	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	44.1	87.5	93.0	94.9	97.7	98.0	99.0	99.5	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	44.1	87.5	93.0	94.9	97.7	98.0	99.0	99.5	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	27.1	47.0	48.3	49.0	49.6	49.7	49.9	50.0	50.0	50.1	50.2	50.2	50.2	50.2	50.2	50.3
≥ 20000	29.8	51.3	52.8	53.5	54.2	54.3	54.4	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8
≥ 18000	29.9	51.5	53.0	53.7	54.4	54.5	54.7	54.8	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.1
≥ 16000	29.9	51.6	53.1	53.8	54.5	54.6	54.7	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.2
≥ 14000	30.3	52.2	53.8	54.5	55.2	55.3	55.4	55.6	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.9
≥ 12000	31.0	53.3	54.8	55.6	56.3	56.4	56.5	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	57.0
≥ 10000	31.9	55.5	57.2	58.0	58.7	58.8	59.0	59.2	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.5
≥ 9000	32.2	56.0	57.8	58.6	59.3	59.4	59.6	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.1
≥ 8000	34.4	60.0	62.1	63.0	63.9	64.0	64.2	64.4	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.8
≥ 7000	35.5	62.1	64.4	65.4	66.4	66.6	66.7	67.0	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.3
≥ 6000	35.8	63.3	65.6	66.5	67.6	67.7	67.9	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.5
≥ 5000	36.6	65.3	67.7	68.9	70.0	70.1	70.3	70.6	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9
≥ 4500	36.9	66.2	68.8	70.0	71.1	71.3	71.6	71.8	71.8	72.0	72.0	72.0	72.1	72.1	72.1	72.1
≥ 4000	38.8	70.1	72.9	74.2	75.5	75.7	76.0	76.2	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.6
≥ 3500	39.6	71.8	74.7	76.1	77.5	77.7	78.0	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.6
≥ 3000	41.9	75.8	78.8	80.3	81.9	82.1	82.5	82.7	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.1
≥ 2500	42.8	77.9	81.0	82.7	84.3	84.6	85.0	85.2	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.6
≥ 2000	43.7	80.4	83.6	85.3	87.2	87.4	87.9	88.2	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.6
≥ 1800	43.9	81.0	84.2	86.0	87.8	88.1	88.6	88.9	89.0	89.2	89.2	89.2	89.3	89.3	89.3	89.3
≥ 1500	44.6	82.6	86.2	88.2	90.1	90.4	90.9	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7
≥ 1200	44.8	83.4	86.9	89.0	91.0	91.4	92.1	92.5	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.0
≥ 1000	45.0	84.2	87.7	90.0	92.2	92.7	93.5	94.1	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.6
≥ 900	45.0	84.7	88.3	90.7	92.9	93.4	94.3	94.9	95.0	95.2	95.3	95.3	95.4	95.4	95.4	95.6
≥ 800	45.1	85.2	89.0	91.5	93.8	94.4	95.4	96.0	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.6
≥ 700	45.1	85.3	89.2	91.6	94.1	94.7	95.8	96.4	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.2
≥ 600	45.2	85.5	89.3	91.9	94.6	95.2	96.4	97.2	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.9
≥ 500	45.2	85.5	89.4	92.1	95.0	95.6	97.1	97.9	98.1	98.5	98.5	98.5	98.6	98.6	98.7	98.7
≥ 400	45.2	85.6	89.5	92.2	95.2	95.8	97.5	98.4	98.6	99.0	99.0	99.0	99.1	99.1	99.2	99.2
≥ 300	45.2	85.6	89.5	92.3	95.3	95.9	97.7	98.5	98.8	99.2	99.3	99.3	99.4	99.4	99.4	99.5
≥ 200	45.2	85.6	89.5	92.3	95.3	95.9	97.7	98.6	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.8
≥ 100	45.2	85.6	89.5	92.3	95.3	95.9	97.7	98.6	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.8
≥ 0	45.2	85.6	89.5	92.3	95.3	95.9	97.7	98.6	98.9	99.3	99.5	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.1	42.4	44.0	45.0	45.5	46.5	46.7	47.0	47.3	47.4	48.0	48.0	48.1	48.1	48.4	48.5
≥ 20000	25.4	44.2	45.8	46.8	47.3	48.3	48.5	49.0	49.3	49.5	50.1	50.1	50.2	50.2	50.4	50.5
≥ 18000	25.4	44.2	45.8	46.8	47.3	48.3	48.5	49.0	49.3	49.5	50.1	50.1	50.2	50.2	50.4	50.5
≥ 16000	25.4	44.2	45.8	46.8	47.3	48.3	48.5	49.0	49.3	49.5	50.1	50.1	50.2	50.2	50.4	50.5
≥ 14000	25.6	44.4	46.0	47.1	47.6	48.5	48.7	49.2	49.6	49.7	50.3	50.3	50.4	50.4	50.7	50.8
≥ 12000	26.6	46.1	47.7	48.7	49.2	50.2	50.4	50.9	51.3	51.4	52.0	52.0	52.1	52.1	52.3	52.4
≥ 10000	28.2	48.7	50.3	51.4	51.9	52.8	53.0	53.5	53.9	54.0	54.6	54.6	54.7	54.7	55.0	55.1
≥ 9000	28.6	49.2	50.8	51.9	52.3	53.3	53.5	54.0	54.4	54.5	55.1	55.1	55.2	55.2	55.4	55.6
≥ 8000	30.1	52.6	54.2	55.7	56.3	57.2	57.5	57.9	58.3	58.4	59.0	59.0	59.1	59.1	59.4	59.5
≥ 7000	30.9	54.0	55.9	57.5	58.1	59.0	59.3	59.7	60.1	60.2	60.8	60.8	60.9	60.9	61.2	61.3
≥ 6000	32.4	56.2	58.1	59.6	60.2	61.2	61.4	61.9	62.2	62.4	63.0	63.0	63.1	63.1	63.3	63.4
≥ 5000	33.8	59.0	61.2	62.7	63.3	64.3	64.5	65.0	65.4	65.5	66.1	66.1	66.2	66.2	66.4	66.5
≥ 4500	34.4	60.8	63.0	64.6	65.2	66.2	66.4	66.9	67.3	67.4	68.0	68.0	68.1	68.1	68.3	68.5
≥ 4000	37.6	67.0	69.3	71.0	71.6	72.5	72.8	73.2	73.6	73.7	74.3	74.3	74.4	74.4	74.7	74.8
≥ 3500	38.0	69.5	71.8	73.5	74.1	75.0	75.3	75.7	76.1	76.2	76.8	76.8	76.9	76.9	77.2	77.3
≥ 3000	39.4	75.0	77.4	79.1	79.8	80.8	81.0	81.5	81.8	82.0	82.6	82.6	82.7	82.7	82.9	83.0
≥ 2500	41.0	79.1	82.0	83.8	84.5	85.4	85.7	86.1	86.5	86.6	87.2	87.2	87.3	87.3	87.6	87.7
≥ 2000	41.5	81.4	84.6	86.6	87.3	88.3	88.5	89.0	89.4	89.5	90.1	90.1	90.2	90.2	90.6	90.7
≥ 1800	41.5	82.0	85.3	87.3	88.1	89.0	89.2	89.7	90.1	90.2	90.8	90.8	90.9	90.9	91.3	91.4
≥ 1500	41.5	84.0	87.3	89.4	90.1	91.0	91.3	91.8	92.1	92.2	92.8	92.8	93.0	93.0	93.3	93.4
≥ 1200	41.5	84.8	88.2	90.3	91.2	92.2	92.5	93.0	93.3	93.4	94.0	94.0	94.1	94.1	94.5	94.6
≥ 1000	41.5	85.2	88.8	90.9	91.9	93.2	93.5	94.1	94.5	94.6	95.2	95.2	95.3	95.3	95.7	95.8
≥ 900	41.5	85.3	89.0	91.6	92.7	94.3	94.6	95.2	95.6	95.7	96.3	96.3	96.4	96.4	96.8	96.9
≥ 800	41.5	85.5	89.2	92.1	93.3	94.9	95.2	95.8	96.3	96.4	97.0	97.0	97.1	97.1	97.5	97.6
≥ 700	41.5	85.5	89.2	92.4	93.7	95.2	95.6	96.2	96.7	97.1	97.7	97.7	97.8	97.8	98.2	98.3
≥ 600	41.5	85.5	89.4	92.5	93.8	95.3	95.7	96.3	96.8	97.3	97.8	97.8	98.0	98.0	98.4	98.6
≥ 500	41.5	85.5	89.4	92.5	93.9	95.4	95.9	96.7	97.1	97.6	98.2	98.2	98.3	98.3	98.8	99.0
≥ 400	41.5	85.5	89.4	92.5	94.0	95.7	96.5	97.3	97.7	98.2	98.8	98.8	98.9	98.9	99.4	99.6
≥ 300	41.5	85.5	89.4	92.5	94.1	95.8	96.7	97.4	97.8	98.3	98.9	98.9	99.0	99.0	99.5	99.8
≥ 200	41.5	85.5	89.4	92.5	94.1	95.8	96.7	97.4	97.8	98.3	98.9	98.9	99.0	99.0	99.5	99.8
≥ 100	41.5	85.5	89.4	92.5	94.1	95.8	96.7	97.4	98.0	98.4	99.0	99.0	99.2	99.2	99.6	99.9
≥ 0	41.5	85.5	89.4	92.5	94.1	95.8	96.7	97.4	98.0	98.4	99.0	99.0	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.0	43.1	44.4	45.8	46.5	46.5	47.2	47.8	48.0	48.5	48.7	48.7	48.9	49.0	49.0	49.1
≥ 20000	24.7	44.4	45.8	47.1	47.8	47.8	48.5	49.1	49.3	49.8	50.1	50.1	50.2	50.3	50.5	50.7
≥ 18000	24.7	44.4	45.8	47.1	47.8	47.8	48.5	49.1	49.3	49.8	50.1	50.1	50.2	50.3	50.5	50.7
≥ 16000	24.7	44.4	45.8	47.1	47.8	47.8	48.5	49.1	49.3	49.8	50.1	50.1	50.2	50.3	50.5	50.7
≥ 14000	24.7	44.4	45.9	47.2	47.9	47.9	48.6	49.2	49.5	49.9	50.2	50.2	50.3	50.4	50.7	50.8
≥ 12000	25.0	44.9	46.4	47.7	48.4	48.4	49.1	49.7	49.9	50.4	50.7	50.7	50.8	50.9	51.1	51.3
≥ 10000	26.2	47.7	49.2	50.5	51.3	51.3	52.0	52.6	52.8	53.3	53.5	53.5	53.8	53.9	54.2	54.4
≥ 9000	26.4	48.0	49.6	50.9	51.6	51.6	52.3	52.9	53.2	53.6	53.9	53.9	54.1	54.2	54.6	54.7
≥ 8000	28.0	50.1	51.7	53.3	54.1	54.1	54.8	55.4	55.7	56.2	56.4	56.4	56.6	56.8	57.1	57.2
≥ 7000	28.6	51.6	53.3	54.8	55.7	55.7	56.4	57.0	57.2	57.7	57.9	57.9	58.2	58.3	58.7	58.8
≥ 6000	29.4	53.0	54.7	56.3	57.2	57.2	57.8	58.4	58.7	59.1	59.4	59.4	59.6	59.7	60.1	60.2
≥ 5000	30.8	56.6	58.4	60.0	60.8	60.8	61.5	62.1	62.4	62.8	63.1	63.1	63.3	63.4	63.8	63.9
≥ 4500	31.9	59.0	60.8	62.4	63.2	63.2	63.9	64.6	65.0	65.5	65.7	65.7	65.9	66.1	66.4	66.5
≥ 4000	33.7	65.2	67.1	68.7	69.7	69.7	70.4	71.1	71.4	71.9	72.2	72.2	72.4	72.5	72.9	73.0
≥ 3500	34.8	67.9	69.8	71.3	72.3	72.3	73.0	73.7	74.1	74.6	74.8	74.8	75.0	75.1	75.5	75.6
≥ 3000	36.2	71.9	74.1	75.9	76.8	76.8	77.5	78.3	78.6	79.1	79.3	79.3	79.6	79.7	80.0	80.2
≥ 2500	36.9	74.6	77.2	78.7	79.8	79.8	80.5	81.2	81.6	82.1	82.3	82.3	82.6	82.7	83.0	83.2
≥ 2000	38.0	77.9	81.1	83.0	84.1	84.2	84.9	85.7	86.0	86.5	86.7	86.7	87.0	87.1	87.5	87.6
≥ 1800	38.0	78.1	81.5	83.4	84.5	84.6	85.3	86.0	86.4	86.9	87.1	87.1	87.3	87.5	87.8	87.9
≥ 1500	38.6	82.0	85.7	87.6	88.8	88.9	89.6	90.3	90.7	91.2	91.4	91.4	91.6	91.8	92.1	92.2
≥ 1200	38.6	82.4	86.4	88.5	89.8	90.0	90.7	91.5	91.9	92.4	92.6	92.6	92.8	93.0	93.3	93.4
≥ 1000	38.6	82.7	86.7	89.1	90.4	90.7	91.5	92.4	92.7	93.2	93.4	93.4	93.7	93.8	94.1	94.3
≥ 900	38.6	82.9	87.3	89.8	91.6	91.9	93.0	93.8	94.1	94.6	94.9	94.9	95.1	95.2	95.6	95.7
≥ 800	38.6	83.0	87.6	90.3	92.1	92.4	93.4	94.3	94.6	95.1	95.3	95.3	95.6	95.7	96.1	96.2
≥ 700	38.6	83.0	87.8	90.6	92.4	92.6	93.8	94.6	95.1	95.6	95.8	95.8	96.1	96.2	96.5	96.7
≥ 600	38.6	83.0	88.2	90.9	92.7	93.0	94.3	95.1	95.6	96.1	96.3	96.3	96.5	96.7	97.1	97.3
≥ 500	38.6	83.0	88.2	90.9	93.0	93.5	95.1	95.9	96.4	96.9	97.3	97.3	97.5	97.6	98.1	98.2
≥ 400	38.6	83.0	88.2	90.9	93.0	93.5	95.1	95.9	96.7	97.1	97.5	97.5	97.7	97.8	98.3	98.4
≥ 300	38.6	83.0	88.3	91.0	93.2	93.8	95.3	96.3	97.0	97.7	98.1	98.1	98.3	98.6	99.0	99.2
≥ 200	38.6	83.0	88.3	91.0	93.2	93.8	95.5	96.4	97.1	97.8	98.2	98.2	98.4	98.8	99.5	99.6
≥ 100	38.6	83.0	88.3	91.0	93.2	93.8	95.5	96.4	97.1	97.8	98.3	98.3	98.7	98.9	99.6	99.8
≥ 0	38.6	83.0	88.3	91.0	93.2	93.8	95.5	96.4	97.1	97.8	98.3	98.3	98.7	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | OCT MONTH

0600-0800 HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	>10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	20.3	35.1	36.9	38.2	39.5	39.7	40.3	40.7	40.7	40.9	41.0	41.0	41.3	41.5	41.6	42.4
≥ 20000	22.1	38.5	40.6	42.1	43.4	43.5	44.1	44.7	44.7	44.9	45.0	45.0	45.4	45.5	45.6	46.5
≥ 18000	22.1	38.6	40.7	42.2	43.6	43.7	44.3	44.9	44.9	45.2	45.3	45.3	45.6	45.8	45.9	46.7
≥ 16000	22.1	38.6	40.7	42.2	43.6	43.7	44.3	44.9	44.9	45.2	45.3	45.3	45.6	45.8	45.9	46.7
≥ 14000	22.1	38.7	40.9	42.3	43.7	43.8	44.4	45.0	45.0	45.3	45.4	45.4	45.8	45.9	46.0	46.8
≥ 12000	22.5	39.3	41.6	43.0	44.6	44.7	45.3	45.9	45.9	46.1	46.2	46.2	46.6	46.7	46.8	47.7
≥ 10000	23.3	41.5	43.7	45.2	46.8	47.0	47.6	48.1	48.1	48.4	48.5	48.5	48.9	49.0	49.1	49.9
≥ 9000	23.8	41.9	44.2	45.6	47.4	47.6	48.1	48.7	48.7	49.0	49.1	49.1	49.5	49.6	49.7	50.5
≥ 8000	25.7	45.6	48.0	49.5	51.3	51.4	52.0	52.6	52.6	52.8	52.9	52.9	53.3	53.4	53.5	54.4
≥ 7000	27.3	48.6	51.0	52.6	54.4	54.5	55.1	55.8	55.8	56.0	56.2	56.2	56.5	56.6	56.8	57.6
≥ 6000	27.5	50.3	52.7	54.2	56.0	56.2	56.8	57.5	57.5	57.7	57.8	57.8	58.2	58.3	58.4	59.3
≥ 5000	29.0	54.7	57.1	58.8	60.7	60.8	61.5	62.2	62.2	62.5	62.6	62.6	63.0	63.1	63.2	64.0
≥ 4500	30.2	57.0	59.6	61.3	63.2	63.3	64.0	64.8	64.8	65.0	65.1	65.1	65.5	65.6	65.7	66.5
≥ 4000	32.1	61.9	65.0	66.8	68.8	68.9	69.7	70.5	70.5	70.7	70.8	70.8	71.2	71.3	71.4	72.3
≥ 3500	32.7	64.4	67.7	69.5	71.6	71.7	72.4	73.2	73.2	73.5	73.6	73.6	74.0	74.1	74.2	75.0
≥ 3000	34.4	69.1	72.6	74.4	76.6	76.8	77.5	78.4	78.4	78.6	78.7	78.7	79.1	79.2	79.3	80.2
≥ 2500	35.2	71.6	75.1	76.9	79.1	79.3	80.0	80.9	80.9	81.1	81.2	81.2	81.6	81.7	81.8	82.7
≥ 2000	36.2	74.7	78.4	80.3	82.6	82.9	83.6	84.5	84.5	84.7	84.8	84.8	85.2	85.3	85.4	86.3
≥ 1800	36.3	75.1	78.9	80.8	83.0	83.4	84.1	84.9	84.9	85.2	85.3	85.3	85.7	85.8	85.9	86.7
≥ 1500	36.8	77.5	81.4	83.4	85.8	86.1	86.9	87.7	87.7	87.9	88.1	88.1	88.4	88.5	88.6	89.5
≥ 1200	37.0	78.4	82.3	84.7	87.1	87.5	88.2	89.2	89.2	89.5	89.6	89.6	90.0	90.1	90.2	91.0
≥ 1000	37.0	78.7	82.8	85.5	88.1	88.4	89.4	90.4	90.6	90.8	90.9	90.9	91.3	91.4	91.5	92.4
≥ 900	37.3	79.1	83.5	86.5	89.0	89.4	90.3	91.4	91.5	91.8	91.9	91.9	92.2	92.4	92.5	93.3
≥ 800	37.3	79.2	83.6	86.6	89.2	89.6	90.8	91.9	92.0	92.4	92.5	92.5	92.8	93.0	93.1	93.9
≥ 700	37.3	79.2	83.8	86.7	89.4	89.7	91.4	92.5	92.8	93.2	93.3	93.3	93.7	93.8	93.9	94.7
≥ 600	37.3	79.5	84.0	87.0	89.6	90.0	91.6	92.7	93.2	93.5	93.7	93.7	94.1	94.3	94.4	95.2
≥ 500	37.3	79.6	84.1	87.2	89.8	90.2	92.0	93.2	93.7	94.1	94.3	94.3	94.7	94.9	95.0	95.8
≥ 400	37.3	79.6	84.1	87.3	90.0	90.3	92.2	93.5	94.0	94.6	94.7	94.7	95.2	95.3	95.7	96.5
≥ 300	37.3	79.6	84.1	87.3	90.0	90.3	92.5	93.9	94.7	95.5	95.7	95.7	96.2	96.4	96.9	97.7
≥ 200	37.3	79.6	84.1	87.3	90.0	90.3	92.5	93.9	94.7	95.6	95.8	95.8	96.5	97.0	97.6	98.9
≥ 100	37.3	79.6	84.1	87.3	90.0	90.3	92.5	93.9	94.7	95.6	95.9	95.9	96.7	97.3	98.1	99.5
≥ 0	37.3	79.6	84.1	87.3	90.0	90.3	92.5	93.9	94.7	95.6	95.9	95.9	96.7	97.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOUR LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	20.4	34.5	35.8	36.4	36.9	37.0	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.4
≥ 20000	22.8	40.0	41.5	42.1	42.8	42.9	43.0	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.5
≥ 18000	22.8	40.0	41.5	42.2	43.0	43.1	43.2	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.7
≥ 16000	22.8	40.0	41.5	42.2	43.0	43.1	43.2	43.4	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.8
≥ 14000	22.8	40.0	41.5	42.2	43.0	43.1	43.2	43.4	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.8
≥ 12000	23.9	41.6	43.5	44.2	45.3	45.4	45.6	45.8	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.2
≥ 10000	25.1	44.6	46.5	47.4	48.6	48.7	49.1	49.2	49.3	49.3	49.5	49.5	49.5	49.5	49.5	49.7
≥ 9000	25.7	45.5	47.4	48.4	49.6	49.7	50.1	50.2	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.7
≥ 8000	27.1	48.5	50.4	51.4	52.6	52.7	53.0	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.6
≥ 7000	28.2	51.0	53.0	54.0	55.2	55.3	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.3
≥ 6000	28.9	52.0	54.2	55.2	56.5	56.6	57.1	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.8
≥ 5000	30.3	54.5	56.8	57.8	59.1	59.4	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.6
≥ 4500	30.8	56.5	58.8	59.9	61.2	61.4	61.9	62.1	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.6
≥ 4000	33.1	63.4	65.8	66.9	68.5	68.7	69.4	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.1
≥ 3500	33.9	65.1	68.1	69.2	70.7	71.0	71.7	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.4
≥ 3000	36.2	71.0	73.4	74.6	76.2	76.5	77.2	77.4	77.5	77.7	77.8	77.8	77.8	77.8	77.8	78.0
≥ 2500	37.9	74.4	76.9	78.3	80.2	80.5	81.2	81.5	81.6	81.7	81.8	81.8	81.8	81.8	81.8	82.1
≥ 2000	38.5	78.1	80.8	82.1	84.0	84.5	85.2	85.4	85.5	85.7	85.8	85.8	85.8	85.8	85.8	86.0
≥ 1800	38.5	78.7	81.5	82.8	84.7	85.2	85.9	86.1	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.7
≥ 1500	39.8	81.7	84.8	86.3	88.2	88.6	89.4	89.6	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.2
≥ 1200	40.1	82.9	86.1	87.6	89.7	90.2	90.9	91.2	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.8
≥ 1000	40.5	83.5	86.9	88.6	90.8	91.4	92.4	92.6	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.2
≥ 900	40.7	83.8	87.1	89.0	91.5	92.2	93.3	93.5	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.1
≥ 800	40.7	84.0	87.3	89.2	92.1	93.0	94.1	94.3	94.4	94.7	94.9	94.9	94.9	94.9	94.9	95.1
≥ 700	40.7	84.5	87.9	89.8	92.7	93.8	94.7	95.1	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.8
≥ 600	40.7	84.7	88.2	90.1	93.0	93.8	95.1	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.2
≥ 500	40.7	84.9	88.4	90.3	93.2	94.0	95.3	95.8	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.5
≥ 400	40.7	85.1	88.5	90.6	93.7	94.5	96.1	97.1	97.3	97.6	97.7	97.7	97.7	97.7	97.7	98.0
≥ 300	40.7	85.1	88.6	91.0	93.9	94.7	96.3	97.6	97.7	98.1	98.3	98.3	98.7	98.7	98.8	99.0
≥ 200	40.7	85.1	88.6	91.0	93.9	94.7	96.3	97.6	97.7	98.1	98.6	98.6	99.0	99.0	99.2	99.5
≥ 100	40.7	85.1	88.6	91.0	93.9	94.7	96.3	97.6	97.7	98.1	98.7	98.7	99.2	99.2	99.3	99.6
≥ 0	40.7	85.1	88.6	91.0	93.9	94.7	96.3	97.6	97.7	98.1	98.7	98.7	99.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS - LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	20.3	33.5	33.9	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 20000	25.1	41.6	42.4	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 18000	25.1	41.6	42.4	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 16000	25.1	41.8	42.7	43.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 14000	25.6	42.4	43.2	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 12000	25.9	43.0	44.2	44.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 10000	26.6	44.7	46.1	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 9000	27.0	45.4	46.8	47.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 8000	27.5	47.4	48.9	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 7000	28.6	50.7	52.1	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 6000	28.9	52.1	53.8	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 5000	29.9	53.6	55.7	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 4500	30.3	54.7	56.8	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 4000	33.9	62.4	64.4	65.1	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 3500	35.2	65.5	68.0	68.7	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 3000	39.2	74.2	76.7	77.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2500	40.9	80.2	82.7	83.8	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	42.1	82.7	85.3	86.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800	42.1	83.9	86.5	87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	43.2	87.1	90.2	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	43.6	87.7	90.9	92.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	44.0	88.4	91.9	93.9	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	44.1	88.9	92.4	94.5	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	44.1	89.1	92.7	95.0	96.4	96.4	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	44.1	89.2	92.8	95.1	96.5	96.5	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	44.1	89.2	92.8	95.3	97.1	97.3	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	44.1	89.2	92.8	95.5	97.3	97.4	98.1	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	44.1	89.5	93.1	95.7	97.5	98.0	98.7	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	44.1	89.5	93.1	95.7	97.5	98.0	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	44.1	89.5	93.1	95.7	97.5	98.0	98.7	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	44.1	89.5	93.1	95.7	97.5	98.0	98.7	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	44.2	89.6	93.2	95.8	97.6	98.1	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB, MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	20.8	32.4	32.5	32.7	33.2	33.2	33.2	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 20000	24.7	39.7	40.6	41.1	41.7	41.7	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 18000	24.9	39.9	40.9	41.3	41.9	41.9	41.9	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 16000	25.1	40.1	41.1	41.6	42.2	42.2	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 14000	25.7	41.5	42.6	42.9	43.5	43.5	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 12000	25.9	41.7	42.7	43.1	43.7	43.7	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 10000	27.6	44.3	45.3	45.8	46.4	46.4	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 9000	28.1	45.0	46.0	46.5	47.1	47.1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 8000	30.5	48.9	49.9	50.5	51.1	51.1	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 7000	30.8	51.9	52.9	53.5	54.1	54.1	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 6000	31.3	52.9	54.1	54.7	55.3	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 5000	32.3	55.1	56.5	57.2	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 4500	32.8	56.2	57.6	58.3	58.9	58.9	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 4000	35.6	64.3	66.7	67.4	68.0	68.0	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3500	37.6	69.2	71.6	72.3	72.9	72.9	73.0	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000	41.3	77.2	79.8	80.6	81.2	81.2	81.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	42.4	82.3	84.9	85.8	86.4	86.5	86.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	43.2	84.9	88.1	88.9	89.6	89.7	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	43.6	85.7	88.8	89.6	90.3	90.4	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	44.9	88.6	92.4	93.7	94.4	94.5	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	44.9	88.9	92.8	94.4	95.1	95.2	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	45.4	89.5	93.4	95.8	96.7	96.8	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	45.4	89.6	93.7	96.3	97.1	97.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	45.4	89.7	93.8	96.7	97.5	97.6	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	45.4	90.0	94.0	96.9	97.7	97.8	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	45.4	90.1	94.1	97.0	98.2	98.3	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	45.4	90.1	94.4	97.4	98.6	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	45.4	90.1	94.4	97.4	98.6	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	45.4	90.1	94.4	97.4	98.6	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	45.4	90.1	94.4	97.4	98.6	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	45.4	90.1	94.4	97.4	98.6	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	45.4	90.1	94.4	97.4	98.6	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥0
NO CEILING	22.8	37.6	39.1	39.3	39.7	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.3	40.3	40.3	40.3
≥ 20000	24.4	40.6	42.5	43.0	43.8	44.1	44.3	44.3	44.3	44.4	44.4	44.4	44.6	44.6	44.6	44.6
≥ 18000	24.9	41.3	43.2	43.7	44.6	44.8	45.0	45.0	45.0	45.2	45.2	45.2	45.3	45.3	45.3	45.3
≥ 16000	25.0	41.5	43.4	43.8	44.7	44.9	45.2	45.2	45.2	45.3	45.3	45.3	45.4	45.4	45.4	45.4
≥ 14000	25.3	41.8	43.7	44.2	45.0	45.3	45.5	45.5	45.5	45.6	45.6	45.6	45.8	45.8	45.8	45.8
≥ 12000	25.6	42.2	44.2	44.7	45.5	45.8	46.0	46.0	46.0	46.1	46.1	46.1	46.2	46.2	46.2	46.2
≥ 10000	27.8	45.5	47.6	48.0	48.9	49.1	49.3	49.3	49.3	49.5	49.5	49.5	49.6	49.6	49.6	49.6
≥ 9000	28.0	45.8	47.8	48.3	49.1	49.3	49.6	49.6	49.6	49.7	49.7	49.7	49.8	49.8	49.8	49.8
≥ 8000	31.7	51.4	53.6	54.5	55.3	55.6	55.8	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0
≥ 7000	31.9	54.1	56.4	57.2	58.1	58.3	58.5	58.5	58.5	58.7	58.7	58.7	58.8	58.8	58.8	58.8
≥ 6000	32.0	55.0	57.2	58.1	58.9	59.4	59.6	59.6	59.6	59.7	59.7	59.7	59.9	59.9	59.9	59.9
≥ 5000	32.7	56.5	58.9	59.9	60.7	61.2	61.5	61.5	61.5	61.6	61.6	61.6	61.8	61.8	61.8	61.8
≥ 4500	33.5	58.5	60.9	61.9	62.7	63.2	63.6	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8
≥ 4000	36.0	66.9	69.7	71.0	71.9	72.4	73.0	73.1	73.1	73.2	73.2	73.2	73.4	73.4	73.4	73.4
≥ 3500	38.0	71.7	74.4	75.9	76.8	77.3	77.9	78.0	78.0	78.1	78.1	78.1	78.3	78.3	78.3	78.3
≥ 3000	39.9	77.2	80.0	81.6	82.6	83.0	83.8	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 2500	42.2	82.1	85.1	86.9	87.8	88.4	89.1	89.2	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 2000	42.3	84.0	87.3	89.5	90.4	91.2	92.2	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 1800	42.4	84.3	87.7	89.8	90.8	91.5	92.6	92.7	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.0
≥ 1500	42.4	85.4	88.8	91.3	92.2	93.0	94.0	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1200	42.4	86.1	89.6	92.5	93.4	94.1	95.2	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 1000	42.7	86.5	90.3	93.5	94.7	95.5	96.5	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 900	42.8	86.9	90.7	94.1	95.3	96.1	97.1	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 800	43.0	87.1	90.9	94.6	95.9	96.7	97.7	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 700	43.0	87.2	91.0	94.7	96.1	96.8	97.8	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 600	43.0	87.2	91.0	94.7	96.3	97.0	98.1	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 500	43.0	87.2	91.2	95.0	96.8	97.5	98.7	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 400	43.0	87.2	91.2	95.0	96.8	97.5	98.7	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 300	43.0	87.2	91.2	95.0	96.8	97.5	98.7	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	43.0	87.2	91.2	95.0	96.8	97.5	98.7	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	43.0	87.2	91.2	95.0	96.8	97.5	98.7	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	43.0	87.2	91.2	95.0	96.8	97.5	98.7	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	25.8	41.8	43.1	44.0	44.8	45.5	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.9	45.9
≥ 20000	27.5	44.4	46.4	47.2	48.	48.7	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1
≥ 18000	27.5	44.7	46.6	47.4	48.3	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3
≥ 16000	27.5	44.7	46.6	47.4	48.3	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3
≥ 14000	28.1	45.5	47.4	48.3	49.1	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 12000	28.6	46.2	48.3	49.1	49.9	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0
≥ 10000	30.6	49.2	51.3	52.1	52.9	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0
≥ 9000	31.2	49.9	52.0	52.8	53.6	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7
≥ 8000	34.4	55.4	57.6	58.5	59.4	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.5	60.5
≥ 7000	34.4	57.3	59.6	60.6	61.4	62.1	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5
≥ 6000	34.6	58.8	61.1	62.0	62.8	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
≥ 5000	35.8	61.2	63.7	64.6	65.5	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5
≥ 4500	36.4	64.0	66.8	67.7	68.6	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7	69.7
≥ 4000	39.1	72.3	75.0	76.3	77.2	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4
≥ 3500	39.4	73.8	76.6	78.0	78.9	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
≥ 3000	40.9	79.0	81.8	83.6	84.5	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.7	85.7
≥ 2500	41.7	81.2	84.1	86.1	87.0	87.7	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 2000	42.7	84.5	87.6	89.7	90.7	91.5	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥ 1800	42.7	84.9	88.1	90.2	91.2	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 1500	42.7	85.9	89.1	91.6	93.0	93.9	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7
≥ 1200	42.7	86.1	89.5	92.6	93.8	94.7	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 1000	42.7	86.3	89.8	93.3	94.7	95.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.7	96.7
≥ 900	42.8	86.5	90.1	93.9	95.3	96.4	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3
≥ 800	42.8	86.6	90.2	94.1	95.7	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 700	42.8	86.6	90.2	94.3	95.8	97.0	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 600	42.8	86.6	90.2	94.3	95.8	97.0	97.4	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 500	42.8	86.9	90.4	94.5	96.1	97.4	97.8	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9
≥ 400	42.8	86.9	90.4	94.5	96.1	97.4	97.8	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9
≥ 300	42.8	86.9	90.4	94.5	96.1	97.4	98.1	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.3	99.3
≥ 200	42.8	86.9	90.4	94.5	96.1	97.4	98.1	98.7	98.9	99.2	99.3	99.3	99.3	99.3	99.4	99.4
≥ 100	42.8	86.9	90.4	94.5	96.1	97.4	98.1	98.7	98.9	99.2	99.4	99.5	99.5	99.5	99.6	99.6
≥ 0	42.8	86.9	90.4	94.5	96.1	97.4	98.1	98.7	98.9	99.2	99.4	99.5	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	22.3	37.6	38.7	39.5	40.1	40.4	40.6	40.8	40.9	41.0	41.1	41.1	41.2	41.2	41.3	41.5
≤ 20000	24.6	41.7	43.2	44.0	44.8	45.0	45.3	45.6	45.7	45.8	45.9	45.9	46.0	46.0	46.1	46.3
≥ 18000	24.7	41.8	43.4	44.2	45.0	45.2	45.5	45.8	45.9	46.0	46.1	46.1	46.2	46.2	46.3	46.5
≥ 16000	24.7	41.9	43.4	44.3	45.1	45.3	45.6	45.9	46.0	46.1	46.2	46.2	46.3	46.3	46.4	46.6
≥ 14000	25.0	42.4	43.9	44.7	45.5	45.8	46.0	46.3	46.4	46.5	46.7	46.7	46.7	46.8	46.9	47.0
≥ 12000	25.5	43.1	44.8	45.7	46.5	46.8	47.0	47.3	47.4	47.5	47.7	47.7	47.7	47.8	47.9	48.0
≥ 10000	26.9	45.8	47.5	48.4	49.2	49.5	49.8	50.1	50.2	50.3	50.4	50.4	50.5	50.6	50.7	50.8
≥ 9000	27.3	46.4	48.1	49.0	49.8	50.1	50.4	50.7	50.8	50.9	51.0	51.0	51.1	51.1	51.3	51.4
≥ 8000	29.4	50.0	51.8	52.9	53.7	54.0	54.3	54.6	54.7	54.8	54.9	54.9	55.0	55.1	55.2	55.3
≥ 7000	30.0	52.4	54.3	55.4	56.3	56.5	56.8	57.1	57.2	57.3	57.5	57.5	57.6	57.6	57.7	57.9
≥ 6000	30.6	53.8	55.7	56.8	57.7	58.0	58.3	58.6	58.7	58.8	59.0	59.0	59.1	59.1	59.2	59.4
≥ 5000	31.8	56.4	58.5	59.7	60.6	60.9	61.2	61.5	61.6	61.8	61.9	61.9	62.0	62.0	62.1	62.3
≥ 4500	32.5	58.3	60.5	61.7	62.6	62.9	63.3	63.6	63.7	63.8	64.0	64.0	64.1	64.1	64.2	64.4
≥ 4000	35.2	65.4	67.9	69.1	70.2	70.5	70.9	71.3	71.4	71.5	71.7	71.7	71.8	71.8	71.9	72.1
≥ 3500	36.2	68.5	71.0	72.3	73.3	73.7	74.1	74.5	74.6	74.7	74.8	74.8	74.9	75.0	75.1	75.2
≥ 3000	38.4	74.3	77.0	78.4	79.5	79.9	80.3	80.7	80.8	80.9	81.0	81.0	81.2	81.2	81.3	81.5
≥ 2500	39.8	78.2	81.0	82.5	83.7	84.1	84.5	84.9	85.0	85.1	85.3	85.3	85.4	85.4	85.5	85.7
≥ 2000	40.5	81.0	84.1	85.8	87.0	87.5	88.0	88.4	88.5	88.6	88.7	88.7	88.8	88.9	89.0	89.2
≥ 1800	40.6	81.6	84.8	86.5	87.6	88.1	88.6	89.0	89.1	89.2	89.4	89.4	89.5	89.5	89.6	89.8
≥ 1500	41.2	84.1	87.5	89.4	90.6	91.1	91.6	92.0	92.1	92.3	92.4	92.4	92.5	92.5	92.7	92.8
≥ 1200	41.4	84.7	88.2	90.4	91.8	92.2	92.7	93.2	93.3	93.5	93.6	93.6	93.7	93.7	93.9	94.0
≥ 1000	41.5	85.1	88.8	91.4	92.8	93.4	94.0	94.5	94.6	94.8	94.9	94.9	95.0	95.0	95.2	95.3
≥ 900	41.6	85.4	89.2	92.0	93.6	94.2	94.9	95.4	95.5	95.6	95.8	95.8	95.9	95.9	96.0	96.2
≥ 800	41.7	85.5	89.4	92.3	94.0	94.7	95.4	96.0	96.2	96.3	96.4	96.4	96.6	96.6	96.7	96.9
≥ 700	41.7	85.7	89.6	92.6	94.3	94.9	95.7	96.4	96.6	96.8	96.9	96.9	97.0	97.1	97.2	97.3
≥ 600	41.7	85.7	89.7	92.7	94.6	95.2	96.1	96.7	97.0	97.2	97.3	97.3	97.4	97.5	97.6	97.8
≥ 500	41.7	85.8	89.9	92.9	94.8	95.5	96.5	97.3	97.5	97.7	97.9	97.9	98.0	98.1	98.2	98.4
≥ 400	41.7	85.9	89.9	93.0	94.9	95.7	96.8	97.6	97.9	98.2	98.4	98.4	98.5	98.5	98.7	98.9
≥ 300	41.7	85.9	89.9	93.1	95.0	95.8	96.9	97.8	98.2	98.5	98.7	98.7	98.9	98.9	99.1	99.3
≥ 200	41.7	85.9	89.9	93.1	95.0	95.8	96.9	97.8	98.2	98.6	98.8	98.8	99.0	99.1	99.4	99.6
≥ 100	41.7	85.9	89.9	93.1	95.0	95.8	96.9	97.8	98.2	98.6	98.9	98.9	99.1	99.2	99.5	99.8
≥ 0	41.7	85.9	89.9	93.1	95.0	95.8	96.9	97.9	98.2	98.6	98.9	98.9	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6696

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	16.2	32.3	34.2	35.2	35.6	35.7	35.9	36.0	36.0	36.2	36.4	36.4	36.9	36.9	36.9	37.5
≥ 20000	16.3	33.1	35.4	36.4	36.9	37.0	37.3	37.4	37.4	37.5	37.8	37.8	38.3	38.3	38.3	38.9
≥ 18000	16.3	33.1	35.4	36.4	36.9	37.0	37.3	37.4	37.4	37.5	37.8	37.8	38.3	38.3	38.3	38.9
≥ 16000	16.3	33.1	35.4	36.4	36.9	37.0	37.3	37.4	37.4	37.5	37.8	37.8	38.3	38.3	38.3	38.9
≥ 14000	16.3	33.5	36.0	37.2	37.7	37.8	38.0	38.1	38.1	38.3	38.5	38.5	39.0	39.0	39.0	39.6
≥ 12000	16.8	34.2	36.8	37.9	38.4	38.5	38.8	38.9	38.9	39.0	39.3	39.3	39.8	39.8	39.8	40.4
≥ 10000	17.5	36.0	38.8	39.9	40.4	40.5	40.7	40.9	40.9	41.0	41.2	41.2	41.7	41.7	41.7	42.3
≥ 9000	17.5	36.0	38.8	39.9	40.4	40.5	40.7	40.9	40.9	41.0	41.2	41.2	41.7	41.7	41.7	42.3
≥ 8000	19.8	39.8	42.7	43.8	44.3	44.4	44.7	44.8	44.8	44.9	45.2	45.2	45.7	45.7	45.7	46.3
≥ 7000	19.9	41.0	44.0	45.1	45.6	45.7	45.9	46.0	46.0	46.2	46.4	46.4	46.9	46.9	46.9	47.5
≥ 6000	20.0	41.5	44.7	45.8	46.3	46.4	46.7	46.8	46.8	46.9	47.2	47.2	47.7	47.7	47.7	48.3
≥ 5000	20.4	43.8	47.3	48.4	48.9	49.0	49.3	49.4	49.4	49.5	49.8	49.8	50.2	50.2	50.2	51.2
≥ 4500	20.5	44.6	48.1	49.3	50.0	50.1	50.4	50.7	50.7	50.9	51.1	51.1	51.6	51.6	51.6	52.6
≥ 4000	22.8	52.2	56.7	57.9	58.8	58.9	59.1	59.5	59.5	59.6	59.9	59.9	60.4	60.4	60.4	61.4
≥ 3500	25.6	58.4	62.8	64.2	65.1	65.2	65.4	65.8	65.8	65.9	66.2	66.2	66.7	66.7	66.7	67.7
≥ 3000	27.7	64.0	68.4	69.8	70.9	71.0	71.4	71.7	71.7	71.9	72.1	72.1	72.6	72.6	72.6	73.6
≥ 2500	28.9	67.5	72.5	73.8	74.9	75.1	75.4	75.8	75.8	75.9	76.2	76.2	76.7	76.7	76.7	77.7
≥ 2000	30.1	71.7	76.7	78.4	79.5	79.6	80.0	80.4	80.4	80.5	80.7	80.7	81.2	81.2	81.2	82.2
≥ 1800	31.4	73.0	77.9	79.6	80.7	80.9	81.2	81.9	81.9	82.0	82.2	82.2	82.7	82.7	82.7	83.7
≥ 1500	32.0	74.3	79.5	82.0	83.7	83.8	84.2	84.9	85.1	85.3	85.6	85.6	86.0	86.0	86.0	87.0
≥ 1200	33.0	76.4	81.6	84.1	85.8	85.9	86.3	87.0	87.2	87.4	87.7	87.7	88.1	88.1	88.1	89.1
≥ 1000	33.1	76.7	81.9	84.3	86.2	86.5	87.0	88.0	88.1	88.4	88.6	88.6	89.1	89.1	89.1	90.1
≥ 900	33.1	76.9	82.2	84.8	86.8	87.2	87.7	88.8	88.9	89.1	89.4	89.4	89.9	89.9	89.9	90.9
≥ 800	33.1	77.5	83.1	86.0	88.0	88.5	89.5	90.6	90.7	91.0	91.2	91.2	91.7	91.7	91.7	92.7
≥ 700	33.1	78.3	84.0	86.9	89.1	89.6	90.9	92.0	92.2	92.5	92.7	92.7	93.2	93.2	93.2	94.2
≥ 600	33.1	78.9	84.7	87.7	90.1	90.6	91.9	93.0	93.2	93.5	93.7	93.7	94.2	94.2	94.2	95.2
≥ 500	33.1	78.9	84.7	87.9	90.4	90.9	92.2	93.3	93.6	94.0	94.2	94.2	94.7	94.7	94.7	95.7
≥ 400	33.1	78.9	84.9	88.1	90.7	91.2	92.6	94.1	94.4	94.8	95.6	95.6	96.0	96.0	96.0	97.0
≥ 300	33.1	78.9	85.1	88.5	91.1	91.6	93.2	94.8	95.2	95.6	96.7	96.7	97.3	97.3	97.3	98.3
≥ 200	33.1	78.9	85.1	88.5	91.1	91.6	93.2	94.8	95.3	95.8	96.9	96.9	97.7	97.7	97.7	99.3
≥ 100	33.1	78.9	85.1	88.5	91.1	91.6	93.2	94.8	95.3	96.0	97.2	97.2	97.9	97.9	97.9	99.9
≥ 0	33.1	78.9	85.1	88.5	91.1	91.6	93.2	94.8	95.3	96.0	97.2	97.2	97.9	97.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 — STATION
WURTSMITH AFB,MI — STATION NAME
73-81 — YEARS
NOV — MONTH
0300-0500 — HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	15.6	31.9	33.1	34.6	35.3	35.3	35.7	35.9	35.9	36.2	36.2	36.3	36.5	36.5	36.9	37.3
≥ 20000	15.8	32.3	34.0	35.4	36.2	36.2	36.5	36.8	36.8	37.0	37.0	37.2	37.4	37.4	37.8	38.4
≥ 18000	15.8	32.3	34.0	35.4	36.2	36.2	36.5	36.8	36.8	37.0	37.0	37.2	37.4	37.4	37.8	38.4
≥ 16000	15.8	32.3	34.0	35.4	36.2	36.2	36.5	36.8	36.8	37.0	37.0	37.2	37.4	37.4	37.8	38.4
≥ 14000	15.8	32.5	34.1	35.6	36.3	36.3	36.7	36.9	36.9	37.2	37.2	37.3	37.5	37.5	37.9	38.5
≥ 12000	15.8	32.6	34.3	35.9	36.7	36.7	37.0	37.3	37.3	37.5	37.5	37.7	37.9	37.9	38.3	38.9
≥ 10000	16.3	33.7	35.6	37.3	38.0	38.0	38.4	38.6	38.6	38.9	38.9	39.0	39.3	39.3	39.6	40.2
≥ 9000	16.5	34.0	35.8	37.5	38.3	38.3	38.6	38.9	38.9	39.1	39.1	39.3	39.5	39.5	39.9	40.5
≥ 8000	17.0	35.2	37.2	39.1	39.9	39.9	40.2	40.5	40.5	40.7	40.7	40.9	41.1	41.1	41.5	42.1
≥ 7000	17.2	36.5	38.5	40.5	41.2	41.2	41.6	41.9	41.9	42.1	42.1	42.2	42.5	42.5	42.8	43.5
≥ 6000	17.4	37.4	39.8	41.7	42.5	42.5	42.8	43.1	43.1	43.3	43.3	43.5	43.7	43.7	44.1	44.7
≥ 5000	18.1	39.9	42.3	44.3	45.1	45.1	45.4	45.7	45.7	45.9	45.9	46.0	46.3	46.3	46.7	47.3
≥ 4500	18.5	41.6	44.2	46.2	46.9	46.9	47.3	47.5	47.5	47.8	47.8	47.9	48.1	48.1	48.5	49.1
≥ 4000	20.6	50.7	54.4	57.2	58.1	58.1	58.5	58.8	58.8	59.0	59.1	59.3	59.8	59.8	60.1	60.7
≥ 3500	23.2	55.4	59.5	62.2	63.2	63.2	63.6	63.8	63.8	64.1	64.2	64.3	64.8	64.8	65.2	65.8
≥ 3000	24.4	59.1	63.3	66.0	67.5	67.5	67.9	68.1	68.1	68.5	68.6	68.8	69.3	69.3	69.6	70.2
≥ 2500	27.7	64.8	69.1	72.0	73.5	73.5	74.0	74.2	74.2	74.6	74.7	74.8	75.3	75.3	75.7	76.3
≥ 2000	29.4	69.6	74.1	77.2	78.6	78.6	79.1	79.4	79.4	79.8	79.9	80.0	80.5	80.5	80.9	81.5
≥ 1800	30.5	71.2	75.7	78.8	80.4	80.5	81.1	81.5	81.5	81.9	82.0	82.1	82.6	82.6	83.0	83.6
≥ 1500	30.9	74.1	78.8	81.9	83.6	83.7	84.4	85.1	85.1	85.4	85.6	85.7	86.2	86.2	86.5	87.2
≥ 1200	31.2	74.9	79.6	82.8	84.6	84.7	85.4	86.0	86.0	86.4	86.5	86.7	87.2	87.2	87.5	88.1
≥ 1000	31.7	75.7	80.5	83.7	85.6	85.7	86.5	87.2	87.2	87.7	87.8	87.9	88.4	88.4	88.8	89.4
≥ 900	31.7	76.0	81.0	84.2	86.2	86.3	87.3	88.1	88.1	88.6	88.8	88.9	89.4	89.4	89.8	90.4
≥ 800	32.0	76.4	81.5	85.1	87.0	87.2	88.5	89.4	89.4	89.9	90.0	90.1	90.6	90.6	91.0	91.6
≥ 700	32.1	76.7	82.0	85.6	87.7	87.8	89.1	90.1	90.4	90.9	91.0	91.1	91.6	91.6	92.0	92.6
≥ 600	32.1	77.2	82.5	86.2	88.3	88.4	90.1	91.1	91.5	92.1	92.2	92.3	93.2	93.2	93.6	94.2
≥ 500	32.1	77.2	82.5	86.2	88.3	88.4	90.5	91.6	92.6	93.2	93.3	93.5	94.3	94.3	94.7	95.3
≥ 400	32.1	77.3	82.6	86.3	88.4	88.5	90.7	92.1	93.2	93.8	94.1	94.2	95.1	95.1	95.4	96.0
≥ 300	32.1	77.4	82.8	86.7	89.0	89.1	91.7	93.3	94.7	95.3	95.8	95.9	96.8	96.9	97.3	97.9
≥ 200	32.1	77.4	82.8	86.7	89.0	89.1	91.7	93.3	94.8	95.4	96.2	96.3	97.2	97.3	97.9	98.9
≥ 100	32.1	77.4	82.8	86.7	89.0	89.1	91.9	93.5	94.9	95.8	96.5	96.7	97.5	97.7	98.3	99.4
≥ 0	32.1	77.4	82.8	86.7	89.0	89.1	91.9	93.5	94.9	95.8	96.5	96.7	97.5	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥5/16	≥0
NO CEILING	12.5	28.8	29.9	32.1	32.6	32.8	33.2	33.7	33.7	34.2	34.3	34.3	34.3	34.3	34.7	34.8
≥ 20000	13.3	29.9	31.0	33.3	34.2	34.4	34.8	35.3	35.3	35.9	36.0	36.0	36.0	36.0	36.4	36.5
≥ 18000	13.3	29.9	31.0	33.3	34.2	34.4	34.8	35.3	35.3	35.9	36.0	36.0	36.0	36.0	36.4	36.5
≥ 16000	13.6	30.1	31.2	33.6	34.4	34.7	35.1	35.6	35.6	36.2	36.3	36.3	36.3	36.3	36.7	36.8
≥ 14000	13.8	30.4	31.5	33.8	34.7	34.9	35.3	35.8	35.8	36.4	36.5	36.5	36.5	36.5	36.9	37.0
≥ 12000	13.8	30.6	31.7	34.1	34.9	35.2	35.6	36.0	36.0	36.7	36.8	36.8	36.8	36.8	37.2	37.3
≥ 10000	14.6	31.9	33.1	35.4	36.3	36.5	36.9	37.4	37.4	38.0	38.1	38.1	38.1	38.1	38.5	38.6
≥ 9000	14.6	32.0	33.2	35.6	36.4	36.7	37.0	37.5	37.5	38.1	38.3	38.3	38.3	38.3	38.6	38.8
≥ 8000	15.1	33.2	34.4	36.8	38.0	38.3	38.6	39.1	39.1	39.9	40.0	40.0	40.0	40.0	40.4	40.7
≥ 7000	15.6	34.4	35.7	38.0	39.3	39.5	39.9	40.4	40.4	41.1	41.2	41.2	41.2	41.2	41.6	42.0
≥ 6000	15.6	34.6	35.9	38.4	39.6	39.9	40.2	40.7	40.7	41.5	41.6	41.6	41.6	41.6	42.0	42.3
≥ 5000	16.7	37.7	39.3	41.7	43.0	43.2	43.6	44.1	44.1	44.9	45.1	45.1	45.1	45.1	45.4	45.8
≥ 4500	16.7	38.8	40.5	43.0	44.2	44.4	44.8	45.3	45.3	46.2	46.3	46.3	46.3	46.3	46.7	47.0
≥ 4000	19.9	47.8	50.1	53.0	54.4	54.7	55.1	55.6	55.6	56.4	56.5	56.5	56.5	56.5	56.9	57.3
≥ 3500	21.9	53.1	55.4	58.3	59.8	60.0	60.4	60.9	60.9	62.0	62.1	62.1	62.1	62.1	62.5	62.8
≥ 3000	24.1	57.0	59.8	62.8	64.7	65.1	65.4	66.0	66.0	67.2	67.3	67.3	67.3	67.3	67.7	68.0
≥ 2500	26.8	62.2	64.9	68.0	70.1	70.5	70.9	71.5	71.5	72.6	72.7	72.7	72.7	72.7	73.1	73.5
≥ 2000	28.0	66.0	69.0	72.2	74.7	75.1	75.6	76.2	76.2	77.4	77.7	77.7	77.7	77.7	78.0	78.4
≥ 1800	29.1	67.4	70.4	73.6	76.2	76.8	77.3	77.9	77.9	79.1	79.4	79.4	79.4	79.4	79.8	80.1
≥ 1500	30.1	70.1	73.2	77.0	79.8	80.4	81.0	81.6	81.6	82.8	83.2	83.2	83.3	83.3	83.7	84.1
≥ 1200	30.6	71.6	75.4	79.4	82.1	82.8	83.5	84.1	84.1	85.6	85.9	85.9	86.0	86.0	86.4	86.8
≥ 1000	30.6	72.0	75.9	79.9	82.6	83.3	84.4	85.3	85.4	86.9	87.3	87.3	87.4	87.4	87.8	88.1
≥ 900	30.7	72.1	76.2	80.1	83.1	84.1	85.7	86.7	86.8	88.3	88.6	88.6	88.8	88.8	89.1	89.5
≥ 800	30.9	72.3	76.4	80.4	83.5	84.4	86.5	87.5	87.8	89.3	89.6	89.6	89.9	89.9	90.2	90.6
≥ 700	31.0	72.5	76.7	80.6	83.8	84.8	87.2	88.1	88.4	90.0	90.5	90.5	90.7	90.7	91.1	91.6
≥ 600	31.0	72.5	76.8	80.9	84.1	85.1	87.7	89.0	89.4	91.2	92.2	92.2	92.5	92.6	93.0	93.5
≥ 500	31.0	72.5	76.8	80.9	84.2	85.2	87.8	89.1	90.2	91.9	92.8	92.8	93.1	93.2	93.7	94.2
≥ 400	31.0	73.0	77.3	81.4	84.7	85.7	88.8	90.1	91.5	93.1	94.1	94.1	94.3	94.4	94.9	95.4
≥ 300	31.0	73.1	77.4	81.5	85.2	86.2	89.8	91.9	93.6	95.4	96.7	96.7	96.9	97.0	97.5	98.1
≥ 200	31.0	73.1	77.4	81.5	85.2	86.2	89.8	92.0	93.7	95.6	97.0	97.0	97.4	97.5	98.1	99.0
≥ 100	31.0	73.1	77.4	81.5	85.2	86.2	89.8	92.0	93.7	95.6	97.2	97.2	97.5	97.7	98.4	99.6
≥ 0	31.0	73.1	77.4	81.5	85.2	86.2	89.8	92.0	93.7	95.6	97.2	97.2	97.5	97.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	13.1	28.4	30.0	30.7	31.4	31.4	31.4	31.6	31.6	31.6	31.7	31.7	31.7	31.7	31.9	31.9
≥ 20000	14.0	31.0	32.8	33.8	34.4	34.4	34.4	34.7	34.7	34.7	34.8	34.8	34.9	34.9	35.1	35.1
≥ 18000	14.2	31.5	33.3	34.3	34.9	34.9	34.9	35.2	35.2	35.2	35.3	35.3	35.4	35.4	35.6	35.6
≥ 16000	14.2	31.5	33.3	34.3	34.9	34.9	34.9	35.2	35.2	35.2	35.3	35.3	35.4	35.4	35.6	35.6
≥ 14000	14.2	31.6	33.5	34.4	35.1	35.1	35.1	35.3	35.3	35.3	35.4	35.4	35.6	35.6	35.7	35.7
≥ 12000	14.7	32.3	34.2	35.2	35.8	35.8	35.8	36.0	36.0	36.0	36.2	36.2	36.3	36.3	36.4	36.4
≥ 10000	15.2	34.6	36.4	37.4	38.0	38.0	38.0	38.3	38.3	38.3	38.4	38.4	38.5	38.5	38.6	38.6
≥ 9000	15.2	34.7	36.5	37.5	38.1	38.1	38.1	38.4	38.4	38.4	38.5	38.5	38.6	38.6	38.8	38.8
≥ 8000	16.3	37.5	39.9	41.1	42.1	42.3	42.3	42.7	42.7	42.7	42.8	42.8	43.0	43.0	43.1	43.1
≥ 7000	16.4	38.1	40.5	41.7	42.8	43.1	43.2	43.6	43.6	43.6	43.7	43.7	43.8	43.8	44.0	44.0
≥ 6000	16.7	38.6	41.4	42.6	43.7	44.0	44.1	44.4	44.4	44.4	44.6	44.6	44.7	44.7	44.8	44.8
≥ 5000	17.7	41.1	44.0	45.2	46.4	46.7	46.8	47.2	47.2	47.2	47.4	47.4	47.7	47.7	47.8	47.8
≥ 4500	18.0	43.0	45.8	47.0	48.5	49.0	49.1	49.5	49.5	49.5	49.8	49.8	50.0	50.0	50.1	50.1
≥ 4000	20.7	49.8	52.7	54.0	55.4	55.9	56.2	56.7	56.7	56.7	56.9	56.9	57.3	57.3	57.4	57.4
≥ 3500	22.2	54.4	57.4	58.6	60.1	60.6	60.9	61.4	61.4	61.4	61.6	61.6	62.0	62.0	62.1	62.1
≥ 3000	25.2	59.8	63.1	64.4	66.0	66.7	67.0	67.5	67.5	67.5	67.9	67.9	68.3	68.3	68.4	68.4
≥ 2500	27.3	63.1	66.4	68.1	69.9	70.5	70.9	71.4	71.4	71.5	71.9	71.9	72.2	72.2	72.3	72.3
≥ 2000	29.9	67.4	71.1	73.3	75.2	75.8	76.2	76.9	77.0	77.2	77.7	77.7	78.0	78.0	78.1	78.1
≥ 1800	30.2	68.0	71.7	74.2	76.0	76.6	77.2	77.9	78.0	78.1	78.6	78.6	79.0	79.0	79.1	79.1
≥ 1500	32.2	71.1	75.2	78.0	80.4	81.2	81.9	82.8	83.1	83.3	83.8	83.8	84.3	84.3	84.4	84.4
≥ 1200	32.8	72.5	76.9	80.4	82.7	84.2	84.9	86.0	86.3	86.5	87.0	87.0	87.5	87.5	87.7	87.7
≥ 1000	33.2	73.2	77.7	81.4	83.8	85.3	86.2	87.8	88.5	88.8	89.4	89.4	89.9	89.9	90.0	90.0
≥ 900	33.2	73.3	77.8	81.7	84.3	85.8	86.9	88.5	89.3	89.5	90.1	90.1	90.6	90.6	90.7	90.7
≥ 800	33.5	73.7	78.1	82.5	85.2	86.8	88.0	89.9	90.6	90.9	91.5	91.5	92.0	92.0	92.1	92.1
≥ 700	33.5	73.7	78.1	82.8	85.6	87.2	88.4	90.4	91.2	91.9	92.5	92.6	93.1	93.2	93.5	93.6
≥ 600	33.5	73.7	78.1	82.8	85.6	87.2	88.6	90.7	91.7	92.7	93.5	93.6	94.2	94.3	94.6	94.7
≥ 500	33.5	73.7	78.1	83.0	85.7	87.3	88.8	91.1	92.1	93.3	94.2	94.3	95.3	95.4	95.9	96.0
≥ 400	33.5	74.0	78.4	83.2	86.5	88.1	89.6	92.3	93.5	94.7	95.6	95.7	96.7	96.8	97.3	97.4
≥ 300	33.5	74.0	78.4	83.3	86.7	88.5	90.2	93.3	94.6	95.8	96.8	96.9	98.3	98.5	99.1	99.4
≥ 200	33.5	74.0	78.4	83.3	86.7	88.5	90.2	93.3	94.7	95.9	96.9	97.0	98.4	98.6	99.3	99.6
≥ 100	33.5	74.0	78.4	83.3	86.7	88.5	90.2	93.5	94.8	96.0	97.0	97.2	98.5	98.8	99.4	99.9
0	33.5	74.0	78.4	83.3	86.7	88.5	90.2	93.5	94.8	96.0	97.0	97.2	98.5	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	13.5	28.8	29.5	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 20000	14.7	31.5	32.2	32.5	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 18000	14.9	32.0	32.7	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 16000	14.9	32.0	32.7	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 14000	14.9	32.1	32.8	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 12000	15.3	32.8	33.6	33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 10000	15.9	35.2	35.9	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 9000	16.0	35.3	36.0	36.4	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 8000	16.9	37.9	39.4	39.9	40.4	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 7000	17.2	39.4	41.0	41.5	42.0	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 6000	17.4	40.5	42.5	43.1	43.7	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 5000	17.9	42.5	44.4	45.1	45.7	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 4500	18.4	44.3	46.3	46.9	47.5	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 4000	22.1	52.3	54.4	55.2	56.2	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 3500	23.8	56.9	59.0	59.9	61.0	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 3000	27.0	63.8	66.2	67.0	68.4	68.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 2500	30.5	69.0	71.4	72.3	73.7	73.8	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2000	34.1	74.0	76.7	77.8	79.4	79.8	80.2	80.2	80.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1800	34.7	74.8	77.4	78.5	80.2	80.6	81.1	81.1	81.2	81.2	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500	35.9	77.5	80.6	82.1	84.2	84.6	85.2	85.2	85.3	85.3	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	36.5	78.5	82.0	83.6	86.3	86.7	87.6	87.6	88.0	88.3	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	37.0	79.4	83.5	85.6	88.1	88.5	89.6	90.0	90.2	90.5	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	37.2	79.8	84.0	86.4	89.1	89.6	9 .1	91.5	91.7	92.0	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	37.2	79.9	84.2	86.9	89.9	90.4	91.9	92.5	92.7	93.0	93.7	93.7	93.8	93.8	93.8	93.8
≥ 700	37.2	79.9	84.3	87.0	90.4	91.0	92.7	93.5	93.7	94.1	94.8	94.8	94.9	94.9	94.9	94.9
≥ 600	37.2	79.9	84.4	87.2	90.9	91.5	93.2	94.1	94.3	94.7	95.4	95.4	95.6	95.6	95.6	95.6
≥ 500	37.2	79.9	84.4	87.2	91.1	91.7	93.6	95.3	95.6	96.4	97.2	97.3	97.5	97.5	97.9	97.9
≥ 400	37.2	79.9	84.6	87.3	91.5	92.1	94.6	96.4	96.9	97.5	98.3	98.4	98.6	98.6	99.0	99.0
≥ 300	37.2	79.9	84.6	87.3	91.6	92.2	94.7	96.5	97.0	97.7	98.5	98.6	99.0	99.0	99.6	99.6
≥ 200	37.2	79.9	84.6	87.3	91.6	92.2	94.7	96.7	97.3	98.0	98.9	99.0	99.6	99.6	100.0	100.0
≥ 100	37.2	79.9	84.6	87.3	91.6	92.2	94.7	96.7	97.3	98.0	98.9	99.0	99.6	99.6	100.0	100.0
≥ 0	37.2	79.9	84.6	87.3	91.6	92.2	94.7	96.7	97.3	98.0	98.9	99.0	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	13.3	28.6	29.6	29.8	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
≥ 20000	14.3	31.9	32.8	33.2	33.2	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 18000	14.3	31.9	32.8	33.2	33.2	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 16000	14.4	32.2	33.2	33.6	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 14000	14.6	32.8	33.8	34.2	34.2	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 12000	14.8	33.5	34.4	34.9	34.9	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 10000	15.4	34.7	35.7	36.2	36.2	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 9000	15.8	35.4	36.4	36.9	36.9	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 8000	17.2	38.4	39.6	40.1	40.1	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 7000	18.1	40.5	42.0	42.5	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 6000	18.8	41.4	42.8	43.6	43.8	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 5000	19.6	43.5	44.9	45.9	46.3	46.4	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 4500	20.1	44.7	46.3	47.4	47.8	47.9	48.0	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 4000	21.9	51.9	53.5	54.7	55.4	55.7	55.9	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 3500	23.6	55.8	57.7	58.9	59.6	59.9	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 3000	26.0	61.6	64.0	65.2	65.9	66.2	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 2500	30.2	66.8	69.1	70.5	71.2	71.6	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2000	33.3	72.5	75.3	77.0	77.9	78.3	78.9	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1800	33.5	72.7	75.6	77.4	78.3	78.6	79.3	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1500	35.7	77.3	80.6	83.1	84.3	84.7	85.6	85.8	85.8	86.0	86.5	86.5	86.7	86.7	86.7	86.7
≥ 1200	35.9	78.1	81.5	84.1	85.4	85.8	87.0	87.3	87.4	87.8	88.3	88.3	88.4	88.4	88.4	88.4
≥ 1000	36.0	78.8	82.2	85.3	87.2	87.8	89.4	89.8	89.9	90.4	91.0	91.0	91.1	91.1	91.1	91.1
≥ 900	36.0	79.0	82.6	85.7	87.5	88.1	89.8	90.2	90.4	91.1	91.7	91.7	91.9	91.9	92.0	92.0
≥ 800	36.4	79.4	83.0	86.2	88.5	89.1	90.9	91.5	91.7	92.6	93.2	93.2	93.3	93.3	93.6	93.6
≥ 700	36.4	79.4	83.0	86.3	88.8	89.5	91.2	91.9	92.1	93.1	93.7	93.7	93.8	93.8	94.1	94.1
≥ 600	36.4	79.4	83.0	86.3	88.9	89.8	91.7	92.6	92.8	94.1	94.7	94.7	94.8	94.8	95.1	95.1
≥ 500	36.4	79.5	83.1	86.4	89.0	89.9	92.1	93.1	94.0	95.7	96.4	96.4	96.5	96.5	96.9	96.9
≥ 400	36.4	79.5	83.2	86.5	89.4	90.2	92.5	93.8	94.8	96.5	97.4	97.4	97.5	97.5	98.0	98.0
≥ 300	36.4	79.5	83.2	86.5	89.5	90.5	93.0	94.3	95.3	97.3	98.3	98.3	98.4	98.4	99.3	99.3
≥ 200	36.4	79.5	83.2	86.5	89.5	90.5	93.1	94.4	95.4	97.4	98.6	98.6	98.8	99.3	99.8	100.0
≥ 100	36.4	79.5	83.2	86.5	89.5	90.5	93.1	94.4	95.4	97.4	98.6	98.6	98.8	99.3	99.8	100.0
0	36.4	79.5	83.2	86.5	89.5	90.5	93.1	94.4	95.4	97.4	98.6	98.6	98.8	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.3	30.1	30.4	31.4	31.5	31.5	31.6	31.9	32.2	32.3	32.3	32.3	32.5	32.6	32.7	32.7
≥ 20000	15.7	33.2	33.5	34.4	34.6	34.6	34.7	34.9	35.3	35.4	35.4	35.4	35.6	35.7	35.8	35.8
≥ 18000	15.8	33.3	33.6	34.6	34.7	34.7	34.8	35.1	35.4	35.6	35.6	35.6	35.7	35.8	35.9	35.9
≥ 16000	15.8	33.3	33.6	34.6	34.7	34.7	34.8	35.1	35.4	35.6	35.6	35.6	35.7	35.8	35.9	35.9
≥ 14000	15.8	33.6	33.8	34.9	35.3	35.3	35.4	35.7	36.0	36.2	36.2	36.2	36.3	36.4	36.5	36.5
≥ 12000	16.3	34.6	34.8	35.9	36.3	36.3	36.4	36.7	37.0	37.2	37.2	37.2	37.3	37.4	37.5	37.5
≥ 10000	16.9	35.9	36.2	37.3	37.7	37.7	37.8	38.0	38.4	38.5	38.5	38.5	38.8	38.9	39.0	39.0
≥ 9000	16.9	36.0	36.3	37.4	37.8	37.8	37.9	38.1	38.5	38.6	38.6	38.6	38.9	39.0	39.1	39.1
≥ 8000	18.0	38.5	38.9	40.0	40.4	40.4	40.5	40.7	41.1	41.2	41.2	41.2	41.5	41.6	41.7	41.7
≥ 7000	18.3	40.1	40.6	41.7	42.1	42.1	42.2	42.5	42.8	43.0	43.0	43.0	43.2	43.3	43.5	43.5
≥ 6000	18.5	40.9	41.5	42.6	43.1	43.1	43.5	44.0	44.3	44.4	44.4	44.6	44.7	44.8	44.9	44.9
≥ 5000	19.0	43.1	43.7	45.1	45.6	45.6	45.9	46.4	46.8	46.9	46.9	46.9	47.2	47.3	47.4	47.4
≥ 4500	19.4	44.1	44.9	46.3	47.2	47.2	47.3	47.8	48.1	48.3	48.3	48.3	48.5	48.6	48.8	48.8
≥ 4000	21.2	50.2	51.1	52.5	53.5	53.5	54.2	54.8	55.2	55.3	55.3	55.3	55.6	55.7	55.8	55.8
≥ 3500	23.0	54.9	55.8	57.2	58.1	58.1	59.1	59.8	60.1	60.2	60.2	60.2	60.5	60.6	60.7	60.7
≥ 3000	26.7	61.1	62.5	64.1	65.1	65.1	66.0	66.7	67.0	67.2	67.2	67.2	67.4	67.5	67.7	67.7
≥ 2500	29.9	65.3	66.8	68.5	70.0	70.0	71.0	71.7	72.1	72.2	72.2	72.2	72.5	72.6	72.7	72.7
≥ 2000	33.7	71.5	73.2	75.4	77.3	77.3	78.3	79.0	79.5	79.6	79.8	79.8	80.0	80.1	80.2	80.2
≥ 1800	34.3	72.5	74.2	76.4	78.3	78.3	79.3	80.0	80.5	80.7	80.9	80.9	81.1	81.2	81.4	81.4
≥ 1500	35.7	75.9	77.9	80.2	82.3	82.3	83.3	84.1	84.7	84.9	85.1	85.1	85.3	85.4	85.6	85.6
≥ 1200	35.8	76.2	78.1	80.5	82.7	82.7	84.0	84.8	85.4	85.8	85.9	85.9	86.2	86.3	86.4	86.4
≥ 1000	35.8	76.9	79.1	81.9	84.3	84.3	85.8	86.6	87.5	88.0	88.1	88.1	88.4	88.5	88.6	88.6
≥ 900	35.8	77.0	79.6	82.3	84.8	84.8	86.7	87.7	88.4	88.9	89.0	89.0	89.3	89.4	89.5	89.5
≥ 800	35.8	77.2	79.9	82.7	85.6	85.6	87.4	88.6	89.5	90.1	90.2	90.2	90.5	90.6	91.1	91.1
≥ 700	35.8	77.4	80.1	83.0	85.9	86.2	88.4	89.8	90.7	91.5	91.6	91.6	91.9	92.0	92.5	92.5
≥ 600	35.8	77.4	80.4	83.2	86.2	86.9	89.3	90.9	92.3	93.1	93.2	93.2	93.5	93.6	94.1	94.1
≥ 500	35.8	77.4	80.4	83.2	86.2	86.9	89.3	91.1	92.8	93.7	93.8	93.8	94.1	94.2	94.7	94.8
≥ 400	35.8	77.4	80.4	83.3	86.3	87.4	89.9	92.3	94.4	95.8	96.3	96.3	96.7	96.8	97.3	97.4
≥ 300	35.8	77.4	80.4	83.3	86.3	87.8	90.1	92.8	95.4	96.8	97.8	97.8	98.1	98.4	99.1	99.4
≥ 200	35.8	77.4	80.4	83.3	86.3	87.8	90.1	92.8	95.4	96.8	97.8	97.8	98.4	98.6	99.5	99.8
≥ 100	35.8	77.4	80.4	83.3	86.3	87.8	90.1	92.8	95.4	96.8	97.8	97.8	98.4	98.6	99.5	99.8
≥ 0	35.8	77.4	80.4	83.3	86.3	87.8	90.1	92.8	95.4	96.8	97.8	97.8	98.4	98.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.4	30.9	31.5	32.8	33.3	33.3	33.5	33.5	33.6	33.7	33.8	33.8	34.1	34.2	34.7	35.3
≥ 20000	15.2	32.6	33.2	34.6	35.1	35.1	35.2	35.2	35.3	35.4	35.6	35.6	35.8	35.9	36.4	37.0
≥ 18000	15.2	32.7	33.3	34.7	35.2	35.2	35.3	35.3	35.4	35.6	35.7	35.7	35.9	36.0	36.5	37.2
≥ 16000	15.2	32.7	33.3	34.7	35.2	35.2	35.3	35.3	35.4	35.6	35.7	35.7	35.9	36.0	36.5	37.2
≥ 14000	15.2	33.0	33.8	35.3	35.8	35.8	35.9	35.9	36.0	36.2	36.3	36.3	36.5	36.7	37.2	37.8
≥ 12000	15.8	34.0	34.8	36.3	36.8	36.8	36.9	36.9	37.0	37.2	37.3	37.3	37.5	37.7	38.1	38.8
≥ 10000	16.5	35.9	36.8	38.3	38.8	38.8	38.9	38.9	39.0	39.1	39.3	39.3	39.5	39.6	40.1	40.7
≥ 9000	16.5	35.9	36.8	38.3	38.8	38.8	38.9	38.9	39.0	39.1	39.3	39.3	39.5	39.6	40.1	40.7
≥ 8000	17.8	38.5	39.4	40.9	41.4	41.4	41.5	41.5	41.6	41.7	41.9	41.9	42.1	42.2	42.7	43.3
≥ 7000	18.6	40.4	41.2	42.7	43.2	43.2	43.3	43.3	43.5	43.6	43.7	43.7	44.0	44.1	44.6	45.2
≥ 6000	19.1	41.2	42.2	43.7	44.3	44.3	44.4	44.4	44.6	44.7	44.8	44.8	45.1	45.2	45.7	46.3
≥ 5000	19.6	43.8	44.8	46.4	47.2	47.2	47.3	47.3	47.4	47.7	47.8	47.8	48.0	48.1	48.6	49.3
≥ 4500	20.2	45.6	46.9	48.5	49.4	49.4	49.6	49.8	49.9	50.1	50.2	50.2	50.5	50.6	51.1	51.7
≥ 4000	22.0	52.7	54.1	56.0	56.9	56.9	57.2	57.3	57.4	57.7	57.8	57.8	58.0	58.1	58.6	59.3
≥ 3500	24.4	58.3	59.6	61.7	62.6	62.6	62.8	63.0	63.1	63.3	63.5	63.5	63.7	63.8	64.3	64.9
≥ 3000	27.4	64.4	66.2	68.5	69.4	69.4	69.6	69.8	69.9	70.1	70.2	70.2	70.5	70.6	71.1	71.7
≥ 2500	29.5	68.5	70.2	72.6	73.5	73.5	73.8	74.0	74.1	74.3	74.4	74.4	74.7	74.8	75.3	75.9
≥ 2000	32.7	74.6	76.7	79.0	80.2	80.2	80.6	80.7	80.9	81.1	81.2	81.2	81.5	81.6	82.1	82.7
≥ 1800	33.2	75.3	77.4	79.8	81.0	81.0	81.4	81.5	81.6	81.9	82.0	82.0	82.2	82.3	82.8	83.5
≥ 1500	34.1	77.4	79.5	82.2	83.6	83.6	84.3	84.7	84.9	85.3	85.6	85.6	85.8	85.9	86.4	87.0
≥ 1200	34.6	78.4	80.5	83.2	84.6	84.7	85.4	85.8	86.0	86.7	86.9	86.9	87.3	87.4	87.9	88.5
≥ 1000	34.6	78.8	80.9	83.8	85.6	86.2	86.9	87.3	87.5	88.1	88.4	88.4	88.8	88.9	89.4	90.0
≥ 900	34.6	78.8	80.9	83.8	85.7	86.3	87.0	87.5	87.8	88.4	88.6	88.6	89.0	89.1	89.6	90.2
≥ 800	34.6	78.9	81.1	84.3	86.4	87.2	87.9	88.6	88.9	89.5	89.8	89.8	90.1	90.2	90.9	91.5
≥ 700	34.6	79.0	81.2	85.2	87.4	88.1	88.9	89.8	90.2	90.9	91.1	91.1	91.5	91.6	92.2	92.8
≥ 600	34.6	79.3	81.7	85.7	87.9	88.6	89.4	90.2	90.9	91.5	91.7	91.7	92.5	92.6	93.2	93.8
≥ 500	34.6	79.3	82.1	86.0	88.3	89.8	90.5	91.6	92.5	93.1	93.6	93.6	94.3	94.4	95.1	95.7
≥ 400	34.6	79.3	82.2	86.3	88.5	90.1	90.9	92.1	93.3	94.3	95.2	95.2	95.9	96.0	96.7	97.3
≥ 300	34.6	79.3	82.2	86.3	88.5	90.2	91.0	92.3	94.1	95.2	96.3	96.5	97.5	97.8	98.4	99.1
≥ 200	34.6	79.3	82.2	86.3	88.5	90.2	91.0	92.3	94.1	95.2	96.4	96.7	97.7	98.1	98.9	99.8
≥ 100	34.6	79.3	82.2	86.3	88.5	90.2	91.0	92.3	94.1	95.2	96.4	96.8	97.8	98.3	99.0	100.0
≥ 0	34.6	79.3	82.2	86.3	88.5	90.2	91.0	92.3	94.1	95.2	96.4	96.8	97.8	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY :STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.1	30.0	31.0	32.0	32.4	32.5	32.6	32.8	32.9	33.0	33.1	33.1	33.2	33.3	33.5	33.7
≥ 20000	14.9	32.9	33.2	34.2	34.7	34.7	34.9	35.1	35.1	35.3	35.4	35.4	35.5	35.6	35.7	36.0
≥ 18000	15.0	32.1	33.3	34.4	34.8	34.9	35.0	35.2	35.3	35.4	35.5	35.5	35.7	35.7	35.9	36.1
≥ 16000	15.0	32.2	33.3	34.4	34.9	35.0	35.1	35.3	35.4	35.5	35.6	35.6	35.8	35.8	36.0	36.2
≥ 14000	15.1	32.4	33.7	34.8	35.1	35.4	35.5	35.7	35.8	35.9	36.0	36.0	36.2	36.2	36.4	36.6
≥ 12000	15.4	33.1	34.3	35.5	36.0	36.0	36.2	36.4	36.5	36.6	36.7	36.7	36.9	36.9	37.1	37.3
≥ 10000	16.0	34.7	36.0	37.3	37.7	37.8	38.0	38.1	38.2	38.3	38.4	38.4	38.6	38.6	38.8	39.1
≥ 9000	16.1	34.9	36.2	37.4	37.9	38.0	38.1	38.3	38.4	38.5	38.6	38.6	38.8	38.8	39.0	39.3
≥ 8000	17.3	37.4	38.9	40.2	40.8	40.9	41.1	41.3	41.4	41.5	41.6	41.6	41.8	41.8	42.0	42.3
≥ 7000	17.7	38.8	40.4	41.7	42.3	42.4	42.7	42.8	42.9	43.1	43.1	43.2	43.3	43.4	43.5	43.8
≥ 6000	17.9	39.5	41.1	42.7	43.4	43.5	43.8	44.0	44.0	44.2	44.3	44.3	44.5	44.5	44.7	45.0
≥ 5000	18.6	41.9	43.8	45.3	46.0	46.1	46.4	46.6	46.7	46.9	47.0	47.0	47.2	47.2	47.4	47.7
≥ 4500	19.0	43.3	45.4	46.8	47.7	47.8	48.1	48.3	48.4	48.6	48.7	48.7	48.9	49.0	49.1	49.5
≥ 4000	21.4	51.0	53.4	55.0	56.1	56.3	56.6	56.9	57.0	57.2	57.3	57.3	57.5	57.6	57.8	58.1
≥ 3500	23.5	55.9	58.4	60.1	61.2	61.3	61.8	62.1	62.1	62.4	62.5	62.5	62.7	62.8	62.9	63.3
≥ 3000	26.1	61.4	64.2	66.0	67.2	67.4	67.9	68.2	68.3	68.5	68.7	68.7	68.9	68.9	69.1	69.4
≥ 2500	28.8	65.9	68.8	70.7	72.1	72.3	72.8	73.1	73.2	73.5	73.6	73.6	73.9	73.9	74.1	74.4
≥ 2000	31.5	70.9	74.1	76.3	77.9	78.1	78.6	79.0	79.1	79.4	79.6	79.6	79.9	79.9	80.1	80.4
≥ 1800	32.1	71.8	75.0	77.3	78.9	79.2	79.7	80.2	80.3	80.6	80.8	80.8	81.1	81.1	81.3	81.6
≥ 1500	33.3	74.7	78.2	80.6	82.7	83.0	83.7	84.3	84.4	84.8	85.1	85.2	85.4	85.5	85.6	86.0
≥ 1200	33.8	75.8	79.5	82.3	84.3	84.7	85.5	86.1	86.3	86.8	87.2	87.2	87.5	87.5	87.7	88.0
≥ 1000	34.0	76.4	80.2	83.2	85.4	86.0	87.0	87.8	88.1	88.6	89.0	89.0	89.3	89.3	89.5	89.8
≥ 900	34.0	76.8	80.5	83.6	85.9	86.5	87.8	88.6	88.9	89.5	89.9	89.9	90.2	90.2	90.4	90.7
≥ 800	34.2	76.9	80.9	84.3	86.8	87.4	88.8	89.6	90.2	90.8	91.2	91.2	91.5	91.5	91.8	92.1
≥ 700	34.2	77.1	81.2	84.7	87.3	88.0	89.6	90.7	91.1	91.8	92.2	92.3	92.6	92.6	92.9	93.3
≥ 600	34.2	77.1	81.5	85.0	87.7	88.5	90.2	91.5	92.1	92.9	93.3	93.5	93.8	93.9	94.2	94.5
≥ 500	34.2	77.2	81.5	85.1	87.9	88.8	90.6	92.0	92.6	93.4	94.0	94.3	95.0	95.0	95.4	95.8
≥ 400	34.2	77.4	81.7	85.3	88.3	89.2	91.2	92.9	94.0	95.1	95.8	95.8	96.4	96.4	96.8	97.2
≥ 300	34.2	77.4	81.8	85.4	88.5	89.4	91.7	93.7	95.0	96.1	97.1	97.2	97.8	98.0	98.4	98.9
≥ 200	34.2	77.4	81.8	85.4	88.5	89.5	91.7	93.7	95.1	96.3	97.3	97.4	98.1	98.3	98.9	99.5
≥ 100	34.2	77.4	81.8	85.4	88.5	89.5	91.7	93.8	95.1	96.4	97.5	97.8	98.3	98.5	99.0	99.8
≥ 0	34.2	77.4	81.8	85.4	88.5	89.5	91.7	93.8	95.1	96.4	97.5	97.8	98.3	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6480

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	17.6	29.4	30.0	30.0	30.3	30.3	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 20000	18.9	31.2	31.8	31.8	32.1	32.1	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 18000	18.9	31.3	31.9	31.9	32.3	32.3	32.5	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 16000	18.9	31.3	31.9	31.9	32.3	32.3	32.5	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 14000	19.0	31.9	32.5	32.5	32.9	32.9	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 12000	19.2	32.1	32.7	32.7	33.1	33.1	33.3	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 10000	19.4	32.6	33.2	33.2	33.6	33.6	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 9000	19.8	33.1	33.8	33.8	34.2	34.2	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 8000	21.7	35.5	36.2	36.2	36.6	36.6	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 7000	22.2	36.7	37.4	37.4	37.8	37.8	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 6000	22.2	38.4	39.1	39.1	39.4	39.4	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 5000	23.3	41.1	41.9	41.9	42.3	42.3	42.7	42.7	42.7	42.8	42.8	42.8	42.9	42.9	42.9	42.9
≥ 4500	23.4	41.8	42.8	42.8	43.2	43.2	43.6	43.6	43.6	43.7	43.7	43.7	43.8	43.8	43.8	43.8
≥ 4000	25.1	47.3	48.5	48.6	49.2	49.2	49.6	49.6	49.6	49.7	49.7	49.7	49.8	49.8	49.8	49.8
≥ 3500	25.9	51.0	52.6	52.8	53.5	53.5	53.9	54.1	54.1	54.2	54.2	54.2	54.4	54.4	54.4	54.4
≥ 3000	27.7	54.7	56.6	56.9	58.3	58.3	58.7	58.9	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.1
≥ 2500	29.7	58.9	61.9	63.0	64.6	64.6	65.0	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5
≥ 2000	33.1	66.5	69.8	71.0	73.0	73.1	73.7	74.1	74.1	74.2	74.2	74.2	74.4	74.4	74.4	74.4
≥ 1800	33.8	67.5	70.8	72.2	74.2	74.3	74.9	75.6	75.6	75.9	75.9	75.9	76.1	76.1	76.1	76.1
≥ 1500	35.4	71.3	74.9	76.7	79.5	79.7	80.9	82.2	82.6	82.9	82.9	82.9	83.2	83.2	83.2	83.2
≥ 1200	35.6	72.2	76.0	77.8	80.5	80.6	82.2	83.8	84.2	84.6	84.6	84.6	84.8	84.8	84.8	84.8
≥ 1000	36.0	73.8	78.0	80.2	83.3	83.5	85.4	87.1	87.9	88.3	88.4	88.4	88.6	88.6	88.6	88.6
≥ 900	36.0	74.4	78.7	80.9	84.0	84.2	86.1	87.9	89.0	89.5	89.6	89.6	89.8	89.8	89.8	89.8
≥ 800	36.0	74.7	79.0	81.2	84.5	84.7	87.0	88.8	90.1	90.7	90.8	90.8	91.0	91.0	91.0	91.0
≥ 700	36.0	74.7	79.1	81.6	85.1	85.3	87.6	89.4	90.7	91.3	91.5	91.5	91.8	91.8	91.8	91.8
≥ 600	36.0	74.7	79.1	81.7	85.4	85.7	88.1	89.8	91.3	91.9	92.1	92.1	92.4	92.4	92.6	92.6
≥ 500	36.0	74.7	79.1	81.7	85.8	86.0	88.6	91.0	92.5	93.2	93.4	93.4	93.7	93.7	94.0	94.0
≥ 400	36.0	74.7	79.1	81.7	85.8	86.1	89.1	92.1	94.0	94.7	95.0	95.0	95.2	95.2	95.6	95.6
≥ 300	36.0	74.7	79.1	81.7	86.0	86.4	89.6	92.7	94.9	95.8	96.1	96.1	96.3	96.3	96.7	97.0
≥ 200	36.0	74.7	79.1	81.7	86.0	86.4	89.8	93.0	95.2	96.4	97.0	97.0	97.6	97.7	98.3	98.7
≥ 100	36.0	74.7	79.1	81.7	86.0	86.4	89.8	93.1	95.3	96.8	97.4	97.6	98.2	98.3	98.9	99.6
0	36.0	74.7	79.1	81.7	86.0	86.4	89.8	93.1	95.3	96.8	97.4	97.6	98.2	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB, MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 3/4	≥1 1/2	≥1	≥ 7/8	≥ 3/4	≥ 5/8	≥ 1/2	≥ 1/4	≥0
NO CEILING	14.5	28.3	28.6	29.2	29.4	29.4	29.4	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5
≥ 20000	15.4	29.4	29.6	30.2	30.5	30.5	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7
≥ 18000	15.4	29.5	29.7	30.3	30.6	30.6	30.7	30.7	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8
≥ 16000	15.4	29.5	29.7	30.3	30.6	30.6	30.7	30.7	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8
≥ 14000	15.5	30.0	30.2	30.8	31.1	31.1	31.2	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.3
≥ 12000	15.5	30.2	30.5	31.1	31.3	31.3	31.4	31.4	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5
≥ 10000	16.6	31.7	31.9	32.5	32.7	32.7	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0
≥ 9000	17.4	32.5	32.7	33.3	33.6	33.6	33.7	33.7	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8
≥ 8000	18.6	35.0	35.2	35.8	36.1	36.1	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3
≥ 7000	19.4	36.2	36.4	37.0	37.3	37.3	37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5
≥ 6000	19.4	37.3	37.5	38.1	38.4	38.4	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6
≥ 5000	19.8	39.5	39.9	40.5	40.7	40.7	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0
≥ 4500	20.4	40.5	41.0	41.7	41.9	41.9	42.1	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2
≥ 4000	23.4	47.2	47.8	48.5	49.3	49.3	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6
≥ 3500	24.3	50.8	51.8	52.5	53.3	53.3	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
≥ 3000	25.8	54.5	55.6	56.3	57.5	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7
≥ 2500	28.0	59.3	60.3	61.4	62.7	62.7	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0
≥ 2000	31.1	66.8	68.5	70.4	72.3	72.3	72.4	72.5	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8
≥ 1800	31.7	67.7	69.5	71.4	73.6	73.6	73.8	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1500	33.3	73.0	74.9	77.1	80.2	80.2	80.8	81.6	81.8	82.1	82.2	82.2	82.3	82.3	82.4	82.4
≥ 1200	33.9	74.9	77.1	79.2	82.6	82.6	83.6	84.5	84.7	84.9	85.1	85.1	85.2	85.2	85.3	85.3
≥ 1000	34.2	76.7	79.0	81.6	85.2	85.3	86.5	87.3	87.9	88.4	88.5	88.5	88.6	88.6	89.0	89.0
≥ 900	34.2	76.8	79.2	81.8	85.4	85.5	86.7	87.6	88.3	88.9	89.0	89.0	89.1	89.1	89.5	89.5
≥ 800	34.2	76.8	79.3	82.2	86.3	86.4	88.5	89.7	90.7	91.4	91.5	91.5	91.6	91.6	92.0	92.0
≥ 700	34.2	76.9	79.7	82.7	87.3	87.8	89.7	91.0	92.0	92.8	93.0	93.0	93.1	93.1	93.4	93.4
≥ 600	34.2	76.9	79.7	82.7	87.6	88.1	90.0	91.3	92.4	93.3	93.4	93.4	93.5	93.5	93.9	93.9
≥ 500	34.2	76.9	79.7	82.8	87.8	88.3	90.6	93.4	94.9	95.9	96.1	96.1	96.2	96.2	96.5	96.5
≥ 400	34.2	76.9	79.7	82.8	87.8	88.3	90.7	93.7	95.3	96.5	96.7	96.7	96.8	96.8	97.1	97.1
≥ 300	34.2	76.9	79.7	82.8	87.9	88.4	90.9	94.0	95.3	97.0	97.3	97.3	97.4	97.4	97.7	98.1
≥ 200	34.2	76.9	79.7	82.8	87.9	88.4	90.9	94.1	95.9	97.4	97.7	97.7	98.2	98.4	98.8	99.2
≥ 100	34.2	76.9	79.7	82.8	87.9	88.4	90.9	94.1	95.9	97.5	98.0	98.1	98.6	98.9	99.3	100.0
≥ 0	34.2	76.9	79.7	82.8	87.9	88.4	90.9	94.1	95.9	97.5	98.0	98.1	98.6	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	13.0	25.0	25.2	25.8	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.4	26.4	26.4	27.0
≥ 20000	14.1	26.4	26.6	27.4	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	28.0	28.0	28.0	28.6
≥ 18000	14.2	26.5	26.8	27.5	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.1	28.1	28.1	28.7
≥ 16000	14.2	26.5	26.8	27.5	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.1	28.1	28.1	28.7
≥ 14000	14.2	26.5	26.8	27.5	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.1	28.1	28.1	28.7
≥ 12000	14.2	27.0	27.2	28.0	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.6	28.6	28.6	29.2
≥ 10000	15.3	28.4	28.7	29.4	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.6
≥ 9000	15.8	28.9	29.2	29.9	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.5	30.5	30.5	31.1
≥ 8000	17.2	30.7	31.1	31.8	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	33.0
≥ 7000	18.5	32.5	32.9	33.6	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.8
≥ 6000	18.6	33.5	33.8	34.5	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.1	35.1	35.1	35.7
≥ 5000	19.1	36.1	36.6	37.3	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.7
≥ 4500	19.8	37.2	37.8	38.5	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.3	39.4	39.4	39.4	40.0
≥ 4000	21.9	43.2	44.3	45.2	46.2	46.4	46.5	46.5	46.6	46.7	46.7	46.7	46.8	46.8	46.8	47.4
≥ 3500	23.2	46.6	47.7	48.6	49.8	49.9	50.1	50.1	50.2	50.3	50.3	50.3	50.4	50.4	50.4	51.0
≥ 3000	25.7	51.6	53.0	54.0	55.7	55.8	55.9	55.9	56.0	56.2	56.2	56.2	56.3	56.3	56.3	56.9
≥ 2500	26.5	55.0	57.8	59.0	60.7	60.9	61.2	61.3	61.4	61.5	61.5	61.5	61.6	61.6	61.6	62.2
≥ 2000	29.3	62.4	65.7	67.1	68.8	69.1	69.4	69.9	70.1	70.3	70.3	70.3	70.4	70.4	70.4	71.0
≥ 1800	30.7	64.8	68.1	69.5	71.4	71.8	72.4	73.0	73.2	73.4	73.4	73.4	73.5	73.5	73.5	74.1
≥ 1500	33.7	70.6	74.4	76.3	78.6	78.9	79.8	80.9	81.1	81.4	81.4	81.4	81.5	81.5	81.5	82.1
≥ 1200	35.0	73.4	77.4	79.6	82.4	83.2	84.5	85.7	85.9	86.3	86.3	86.3	86.4	86.4	86.4	87.0
≥ 1000	35.2	74.7	78.9	81.2	84.2	85.2	86.9	88.3	88.6	89.0	89.0	89.0	89.4	89.4	89.4	90.0
≥ 900	35.2	75.0	79.3	81.7	85.1	86.0	87.9	89.5	89.8	90.3	90.3	90.3	90.7	90.7	90.7	91.3
≥ 800	35.2	75.0	79.5	82.1	85.4	86.4	88.3	90.3	91.0	91.8	91.8	91.8	92.1	92.1	92.1	92.7
≥ 700	35.2	75.0	79.6	82.2	85.5	86.7	88.6	90.7	91.4	92.1	92.2	92.2	92.6	92.6	92.7	93.3
≥ 600	35.2	75.0	79.6	82.2	85.7	87.0	89.1	91.5	92.4	93.1	93.2	93.2	93.5	93.5	93.8	94.4
≥ 500	35.2	75.0	79.6	82.4	86.1	87.5	89.6	93.0	94.0	95.2	95.3	95.3	95.8	95.8	96.1	96.7
≥ 400	35.2	75.0	79.6	82.4	86.1	87.5	89.6	93.1	94.1	95.5	95.7	95.7	96.2	96.2	96.5	97.1
≥ 300	35.2	75.0	79.6	82.4	86.1	87.5	89.6	93.3	94.5	95.8	96.3	96.3	96.8	96.8	97.1	98.1
≥ 200	35.2	75.0	79.6	82.4	86.1	87.5	89.6	93.3	94.5	95.8	96.7	96.7	97.3	97.4	98.0	98.9
≥ 100	35.2	75.0	79.6	82.4	86.1	87.6	89.8	93.7	95.1	96.5	97.4	97.4	98.0	98.2	98.8	100.0
≥ 0	35.2	75.0	79.6	82.4	86.1	87.6	89.8	93.7	95.1	96.5	97.4	97.4	98.0	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	13.1	22.0	22.1	22.1	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.8
≥ 20000	14.8	25.0	25.1	25.1	25.4	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.8
≥ 18000	15.1	25.3	25.4	25.4	25.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	26.2
≥ 16000	15.1	25.3	25.4	25.4	25.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	26.2
≥ 14000	15.4	26.0	26.2	26.2	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.9
≥ 12000	16.0	26.6	26.8	26.8	27.1	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.5
≥ 10000	17.4	29.3	29.5	29.6	30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.3
≥ 9000	17.6	29.4	29.6	30.0	30.3	30.3	30.3	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.7
≥ 8000	19.4	32.1	32.6	33.1	33.5	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.8
≥ 7000	21.9	35.1	35.6	36.1	36.4	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.8
≥ 6000	22.1	36.2	36.7	37.2	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.9
≥ 5000	22.3	38.7	39.2	39.9	40.4	40.4	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.0
≥ 4500	22.7	39.7	40.1	41.2	41.7	41.7	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.3
≥ 4000	24.9	44.8	45.6	47.0	47.8	47.8	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.5
≥ 3500	27.0	48.1	49.0	50.3	51.3	51.3	51.5	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1
≥ 3000	28.4	51.5	53.0	54.5	55.7	55.7	55.9	56.2	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.9
≥ 2500	29.9	55.1	56.8	58.5	60.1	60.1	60.6	60.9	61.2	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.9
≥ 2000	33.1	60.7	62.8	64.9	67.5	68.0	68.7	69.4	69.7	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.7
≥ 1800	33.9	61.8	63.9	65.9	68.7	69.3	70.1	70.8	71.1	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.3
≥ 1500	37.3	66.4	68.6	70.8	73.8	74.6	75.7	77.1	77.5	78.4	78.6	79.1	79.1	79.1	79.1	79.1	79.3
≥ 1200	38.0	68.5	70.8	73.1	76.2	77.1	78.7	80.2	80.6	81.7	82.3	82.8	82.9	82.9	82.9	82.9	83.2
≥ 1000	38.4	70.1	72.6	75.0	78.6	79.6	82.0	83.9	84.3	85.5	86.3	86.7	87.0	87.0	87.1	87.1	87.3
≥ 900	38.7	71.0	73.6	76.1	80.0	81.0	83.6	85.7	86.3	87.5	88.2	88.6	89.1	89.1	89.2	89.2	89.5
≥ 800	39.1	71.3	74.0	76.5	80.4	81.4	84.1	86.3	87.2	88.6	89.7	90.2	90.8	90.8	90.9	90.9	91.3
≥ 700	39.1	71.3	74.0	76.6	80.8	81.7	84.6	86.9	87.9	89.5	90.6	91.0	91.6	91.6	91.8	91.8	92.1
≥ 600	39.1	71.3	74.1	77.1	81.5	82.4	85.4	88.1	89.1	90.8	92.0	92.5	93.2	93.2	93.3	93.3	93.7
≥ 500	39.1	71.3	74.1	77.1	81.5	82.4	85.8	89.5	91.0	93.3	94.6	95.1	95.9	95.9	96.1	96.1	96.4
≥ 400	39.1	71.3	74.1	77.1	81.5	82.4	85.8	89.7	91.4	93.8	95.2	95.7	96.7	96.7	96.8	96.8	97.1
≥ 300	39.1	71.3	74.1	77.1	81.5	82.7	86.1	90.2	92.2	94.6	96.3	96.8	98.0	98.0	98.4	98.4	98.8
≥ 200	39.1	71.3	74.1	77.1	81.5	82.7	86.1	90.2	92.2	94.6	96.3	96.8	98.1	98.1	98.6	98.6	99.0
≥ 100	39.1	71.3	74.1	77.1	81.5	82.8	86.3	90.3	92.4	94.7	96.5	97.0	98.4	98.4	99.2	99.2	100.0
≥ 0	39.1	71.3	74.1	77.1	81.5	82.8	86.3	90.3	92.4	94.7	96.5	97.0	98.4	98.4	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	12.7	21.7	22.0	22.1	22.2	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.6
≥ 20000	15.4	25.9	26.2	26.3	26.6	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.1
≥ 18000	15.4	25.9	26.2	26.5	26.9	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.4
≥ 16000	15.5	26.0	26.3	26.6	27.0	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5
≥ 14000	16.6	27.6	27.8	28.3	28.7	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.2
≥ 12000	17.7	28.7	28.9	29.4	29.7	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.2
≥ 10000	18.9	31.2	31.5	32.4	32.7	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.2
≥ 9000	20.1	32.4	32.7	33.6	33.9	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4
≥ 8000	22.1	35.4	35.8	36.7	37.0	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5
≥ 7000	23.2	36.7	37.2	38.0	38.4	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8
≥ 6000	23.7	37.6	38.1	38.9	39.3	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8
≥ 5000	23.8	40.3	41.0	41.8	42.4	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.0
≥ 4500	24.0	41.5	42.3	43.1	43.7	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3
≥ 4000	25.8	46.0	47.3	48.1	48.7	49.0	49.2	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.8
≥ 3500	26.6	47.2	48.6	49.6	50.2	50.4	50.7	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.4
≥ 3000	30.1	54.6	56.0	57.3	58.5	58.9	59.3	59.7	59.7	59.9	59.9	59.9	60.0	60.0	60.0	60.1
≥ 2500	32.0	58.3	60.1	61.9	63.2	63.7	64.0	64.5	64.5	64.6	64.6	64.6	64.8	64.8	64.8	64.9
≥ 2000	35.5	64.0	66.7	68.7	70.5	71.0	71.8	72.9	73.0	73.2	73.7	73.8	74.0	74.0	74.0	74.1
≥ 1800	36.2	65.2	67.9	69.9	71.9	72.4	73.2	74.6	74.7	74.9	75.4	75.5	75.7	75.7	75.7	75.9
≥ 1500	37.8	68.0	71.1	73.5	76.0	76.6	77.4	79.0	79.2	79.6	80.0	80.2	80.5	80.5	80.5	80.6
≥ 1200	38.4	69.5	73.1	76.1	79.0	79.7	80.9	82.8	83.0	83.8	84.3	84.5	84.9	84.9	85.1	85.2
≥ 1000	38.9	70.4	74.1	77.1	80.0	81.0	82.2	84.5	84.7	85.8	86.7	86.9	87.3	87.3	87.5	87.6
≥ 900	39.1	70.7	74.6	77.5	80.6	81.7	82.9	85.4	85.7	86.7	87.9	88.1	88.5	88.5	88.6	88.8
≥ 800	39.3	71.3	75.3	78.5	81.7	82.8	84.1	86.7	87.1	88.3	89.5	89.7	90.2	90.2	90.3	90.6
≥ 700	39.3	71.4	75.4	78.6	82.1	83.2	84.5	87.1	87.7	88.9	90.1	90.3	90.9	90.9	91.0	91.3
≥ 600	39.3	71.7	75.6	79.0	82.6	83.6	85.2	88.2	88.9	90.1	91.3	91.5	92.4	92.4	92.5	92.7
≥ 500	39.4	71.8	75.7	79.2	83.0	84.2	86.0	89.1	90.2	91.6	92.8	93.1	93.9	94.0	94.1	94.5
≥ 400	39.4	71.8	75.7	79.2	83.0	84.5	86.9	90.6	91.8	93.8	95.1	95.3	96.5	96.8	97.0	97.5
≥ 300	39.4	71.8	75.9	79.3	83.4	84.8	87.2	91.3	92.6	95.0	96.5	96.8	98.2	98.4	98.9	99.5
≥ 200	39.4	71.8	75.9	79.3	83.4	84.8	87.2	91.3	92.6	95.1	96.8	97.0	98.4	98.8	99.3	99.9
≥ 100	39.4	71.8	75.9	79.3	83.4	84.8	87.2	91.3	92.6	95.1	96.8	97.0	98.4	98.8	99.4	100.0
≥ 0	39.4	71.8	75.9	79.3	83.4	84.8	87.2	91.3	92.6	95.1	96.8	97.0	98.4	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	15.3	26.5	26.6	26.6	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 20000	17.3	30.1	30.2	30.2	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 18000	17.4	30.3	30.5	30.5	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 16000	17.6	30.5	30.6	30.6	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 14000	18.8	31.7	31.8	31.9	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 12000	19.6	32.9	33.1	33.2	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 10000	21.7	36.1	36.4	36.8	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 9000	22.6	36.9	37.5	37.9	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 8000	24.1	39.9	40.5	41.0	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 7000	24.7	41.3	41.9	42.4	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 6000	24.9	41.9	42.5	43.0	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 5000	25.4	43.4	44.1	44.7	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 4500	25.9	44.3	45.0	45.8	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 4000	27.0	48.4	49.3	50.1	51.0	51.1	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 3500	27.4	49.7	50.7	51.5	52.6	53.0	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 3000	29.6	55.7	57.0	57.8	59.5	59.7	59.9	60.2	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 2500	31.2	61.1	62.0	63.4	65.5	65.9	66.1	66.5	66.5	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥ 2000	34.4	65.8	68.5	70.4	72.5	73.0	73.5	74.1	74.2	74.7	74.8	74.8	74.9	74.9	74.9	74.9
≥ 1800	35.5	67.4	70.1	72.2	74.4	74.9	75.5	76.1	76.3	76.8	76.9	76.9	77.1	77.1	77.1	77.1
≥ 1500	37.5	71.2	74.1	76.5	79.2	80.2	80.9	81.6	82.2	82.8	83.0	83.0	83.2	83.2	83.2	83.2
≥ 1200	38.2	72.4	75.7	78.7	81.8	83.2	84.1	84.8	85.4	86.1	86.5	86.5	86.7	86.7	86.7	86.7
≥ 1000	38.6	73.1	76.7	79.9	83.4	84.8	85.9	86.6	87.3	88.3	89.0	89.0	89.6	89.6	89.6	89.6
≥ 900	38.6	73.1	77.1	80.5	84.1	85.5	86.9	87.7	88.4	89.4	90.1	90.1	90.7	90.7	90.7	90.7
≥ 800	38.6	73.1	77.3	80.8	84.5	85.9	87.6	88.4	89.4	90.3	91.0	91.2	92.0	92.0	92.0	92.0
≥ 700	38.6	73.1	77.3	80.8	84.9	86.4	88.3	89.2	90.3	91.3	92.0	92.1	93.0	93.0	93.0	93.0
≥ 600	38.6	73.1	77.4	80.9	85.2	86.6	88.6	89.7	91.4	92.6	93.3	93.4	94.5	94.5	94.5	94.6
≥ 500	38.7	73.2	77.5	81.0	85.3	87.0	89.2	90.3	92.4	93.5	94.3	94.4	95.5	95.5	95.5	95.7
≥ 400	38.7	73.2	77.7	81.1	85.4	87.1	89.5	90.8	92.8	94.5	95.3	95.5	96.7	96.8	97.4	98.0
≥ 300	38.7	73.2	77.8	81.2	85.5	87.3	90.0	91.4	93.4	95.2	96.4	96.5	97.7	97.8	98.6	99.3
≥ 200	38.7	73.2	77.8	81.2	85.5	87.3	90.0	91.4	93.4	95.2	96.5	96.7	98.1	98.3	99.0	99.8
≥ 100	38.7	73.2	77.8	81.2	85.5	87.3	90.0	91.4	93.4	95.2	96.7	96.8	98.2	98.4	99.2	99.9
≥ 0	38.7	73.2	77.8	81.2	85.5	87.3	90.0	91.4	93.4	95.2	96.7	96.8	98.2	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	17.8	30.5	30.5	30.8	30.8	30.9	30.9	30.9	30.9	30.9	31.0	31.0	31.3	31.3	31.3	31.3
≥ 20000	19.3	33.4	33.4	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.9	33.9	34.1	34.1	34.1	34.1
≥ 18000	19.3	33.4	33.4	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.9	33.9	34.1	34.1	34.1	34.1
≥ 16000	19.3	33.4	33.4	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.9	33.9	34.1	34.1	34.1	34.1
≥ 14000	20.2	34.4	34.4	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.9	34.9	35.1	35.1	35.1	35.1
≥ 12000	20.8	35.0	35.0	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.7	35.7	35.7	35.7
≥ 10000	22.8	38.2	38.3	38.6	38.7	38.8	38.8	38.8	38.8	38.8	38.9	38.9	39.2	39.2	39.2	39.2
≥ 9000	23.1	38.7	38.8	39.0	39.2	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.6	39.6	39.6	39.6
≥ 8000	24.1	40.5	40.6	41.0	41.1	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.7	41.7	41.7	41.7
≥ 7000	24.7	42.2	42.3	42.6	42.8	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.4	43.4	43.4	43.4
≥ 6000	24.7	42.4	42.5	42.9	43.0	43.2	43.2	43.2	43.2	43.2	43.4	43.4	43.6	43.6	43.6	43.6
≥ 5000	25.5	44.1	44.2	45.0	45.3	45.5	45.5	45.5	45.5	45.5	45.6	45.6	45.9	45.9	45.9	45.9
≥ 4500	25.5	44.6	44.7	45.5	45.7	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.3	46.3	46.3	46.3
≥ 4000	26.3	47.9	49.1	50.3	50.9	51.1	51.3	51.3	51.3	51.3	51.4	51.4	51.6	51.6	51.6	51.6
≥ 3500	26.9	50.1	51.5	52.7	53.3	53.5	53.7	53.7	53.7	53.7	53.8	53.8	54.0	54.0	54.0	54.0
≥ 3000	29.0	55.2	57.0	58.2	58.9	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.6	59.6	59.6	59.6
≥ 2500	31.5	62.4	65.9	67.7	68.6	69.0	69.5	69.5	69.5	69.5	69.6	69.6	69.8	69.8	69.8	69.8
≥ 2000	33.4	67.5	71.4	73.4	74.6	75.0	75.4	75.7	75.7	75.7	75.8	75.8	76.0	76.0	76.0	76.0
≥ 1800	34.3	69.9	73.9	76.0	77.5	77.8	78.3	78.6	78.6	78.6	78.7	78.7	78.9	78.9	78.9	78.9
≥ 1500	35.6	72.7	76.8	79.3	81.4	81.9	82.8	83.4	83.4	83.5	83.6	83.6	83.8	83.8	83.8	83.8
≥ 1200	35.8	73.8	77.8	80.5	83.2	83.8	84.8	85.5	85.5	85.6	85.7	85.7	86.0	86.0	86.0	86.0
≥ 1000	35.8	74.5	79.5	82.4	85.6	86.2	87.3	88.0	88.1	88.3	88.9	88.9	89.1	89.1	89.1	89.1
≥ 900	35.9	75.1	80.1	83.2	86.5	87.1	88.1	88.9	89.0	89.2	89.8	89.8	90.1	90.1	90.1	90.1
≥ 800	35.9	75.1	80.1	83.2	86.7	87.4	89.0	89.8	90.1	90.3	91.0	91.0	91.3	91.3	91.4	91.4
≥ 700	35.9	75.1	80.1	83.4	87.3	88.0	89.8	90.7	91.0	91.3	92.0	92.0	92.2	92.2	92.3	92.6
≥ 600	35.9	75.1	80.1	83.4	87.3	88.0	90.3	91.5	92.1	92.6	93.3	93.3	93.7	93.7	93.8	94.7
≥ 500	35.9	75.1	80.1	83.4	87.3	88.0	90.4	91.9	92.7	93.4	94.1	94.1	94.5	94.5	94.6	94.9
≥ 400	35.9	75.1	80.6	83.8	87.9	88.7	91.1	92.6	93.5	94.4	95.2	95.2	95.6	95.6	95.8	96.4
≥ 300	35.9	75.1	80.6	83.8	87.9	88.7	91.1	92.9	94.0	95.1	96.2	96.2	96.6	96.8	97.2	98.0
≥ 200	35.9	75.1	80.6	83.8	87.9	88.7	91.1	93.4	94.5	95.7	96.8	96.8	97.2	97.5	98.1	98.8
≥ 100	35.9	75.1	80.6	83.8	87.9	88.7	91.1	93.4	94.5	95.9	97.1	97.1	97.6	98.1	98.7	99.5
≥ 0	35.9	75.1	80.6	83.8	87.9	88.7	91.1	93.4	94.5	95.9	97.1	97.1	97.6	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 835

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	16.3	30.6	30.7	30.7	31.1	31.1	31.4	31.4	31.4	31.5	31.7	31.7	31.7	31.7	31.7	31.7
≥ 20000	18.2	33.1	33.2	33.2	33.6	33.6	33.9	33.9	33.9	34.1	34.2	34.2	34.2	34.2	34.2	34.2
≥ 18000	18.2	33.1	33.2	33.2	33.6	33.6	33.9	33.9	33.9	34.1	34.2	34.2	34.2	34.2	34.2	34.2
≥ 15000	18.2	33.1	33.2	33.2	33.6	33.6	33.9	33.9	33.9	34.1	34.2	34.2	34.2	34.2	34.2	34.2
≥ 14000	18.6	33.6	33.7	33.7	34.1	34.1	34.4	34.4	34.4	34.5	34.7	34.7	34.7	34.7	34.7	34.7
≥ 12000	19.2	34.4	34.5	34.5	34.9	34.9	35.3	35.3	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.5
≥ 10000	20.4	36.0	36.1	36.1	36.5	36.5	36.8	36.8	36.8	36.9	37.1	37.1	37.1	37.1	37.1	37.1
≥ 9000	20.7	36.3	36.5	36.5	36.8	36.8	37.2	37.2	37.2	37.3	37.4	37.4	37.4	37.4	37.4	37.4
≥ 8000	21.8	38.5	38.6	38.6	39.0	39.0	39.3	39.3	39.3	39.4	39.6	39.6	39.6	39.6	39.6	39.6
≥ 7000	22.3	39.6	39.8	39.8	40.2	40.2	40.5	40.5	40.5	40.6	40.8	40.8	40.8	40.8	40.8	40.8
≥ 6000	22.3	40.3	40.5	40.5	40.9	40.9	41.2	41.2	41.2	41.4	41.5	41.5	41.5	41.5	41.5	41.5
≥ 5000	23.7	42.9	43.3	43.3	43.8	43.8	44.1	44.1	44.1	44.2	44.4	44.4	44.4	44.4	44.4	44.4
≥ 4500	23.7	43.3	43.8	43.8	44.2	44.2	44.6	44.6	44.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8
≥ 4000	25.9	50.5	51.7	51.8	52.4	52.4	52.8	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0
≥ 3500	26.9	52.9	54.2	54.7	55.3	55.3	55.6	55.6	55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 3000	28.5	57.4	59.2	59.7	60.7	60.7	61.2	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4
≥ 2500	30.0	60.8	63.5	64.5	65.6	65.9	66.7	66.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥ 2000	31.9	66.7	69.9	71.1	72.5	72.9	73.7	73.7	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1800	32.6	68.7	72.1	73.3	74.7	75.1	76.0	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1500	34.4	71.3	75.1	76.7	78.4	79.0	80.8	81.4	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200	34.8	73.4	77.5	79.4	81.5	82.4	84.4	85.0	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1000	34.8	74.2	78.3	80.2	82.6	83.6	86.1	86.7	87.1	87.4	88.0	88.0	88.0	88.0	88.1	88.1
≥ 900	34.8	74.9	79.0	81.2	83.6	84.5	87.2	87.9	88.6	89.2	89.8	89.8	89.8	89.8	89.9	89.9
≥ 800	34.8	74.9	79.0	81.2	83.9	85.1	88.1	88.8	89.6	91.0	91.7	91.7	91.8	91.8	92.0	92.0
≥ 700	34.8	74.9	79.3	81.4	84.3	85.5	88.7	89.6	90.3	91.7	92.4	92.4	92.6	92.7	92.8	92.9
≥ 600	34.9	75.2	79.5	81.8	85.2	86.3	89.6	90.5	91.2	92.7	93.4	93.4	93.5	93.6	93.9	93.9
≥ 500	34.9	75.2	79.5	81.8	85.2	86.3	89.6	91.1	91.8	93.4	94.1	94.1	94.2	94.4	94.6	94.6
≥ 400	34.9	75.2	79.7	82.1	85.5	86.7	89.9	91.5	92.9	94.5	95.3	95.3	95.4	95.6	95.8	95.8
≥ 300	34.9	75.2	79.7	82.1	85.6	86.8	90.3	92.3	94.0	95.7	96.6	96.6	96.8	96.9	97.1	97.1
≥ 200	34.9	75.2	79.7	82.1	85.6	86.8	90.3	92.4	94.1	96.0	97.1	97.1	97.4	97.5	98.1	98.3
≥ 100	34.9	75.2	79.7	82.1	85.6	86.8	90.3	92.4	94.1	96.3	97.4	97.5	97.7	98.2	98.8	99.4
≥ 0	34.9	75.2	79.7	82.1	85.6	86.8	90.3	92.4	94.1	96.3	97.5	97.6	97.8	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	15.0	26.8	27.0	27.2	27.4	27.4	27.5	27.5	27.5	27.6	27.6	27.6	27.7	27.7	27.7	27.8
≥ 20000	16.7	29.3	29.5	29.7	30.0	30.1	30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.4
≥ 18000	16.7	29.4	29.6	29.9	30.2	30.2	30.3	30.4	30.4	30.4	30.4	30.4	30.5	30.5	30.5	30.6
≥ 16000	16.8	29.5	29.7	29.9	30.2	30.3	30.4	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.6
≥ 14000	17.3	30.2	30.4	30.7	31.0	31.0	31.1	31.2	31.2	31.2	31.2	31.2	31.3	31.3	31.3	31.4
≥ 12000	17.8	30.9	31.1	31.4	31.7	31.7	31.8	31.8	31.8	31.9	31.9	31.9	32.0	32.0	32.0	32.1
≥ 10000	19.1	32.9	33.2	33.6	33.9	34.0	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.3
≥ 9000	19.6	33.5	33.9	34.2	34.6	34.6	34.7	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9	35.0
≥ 8000	21.1	35.9	36.3	36.8	37.1	37.2	37.3	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.6
≥ 7000	22.1	37.5	37.9	38.4	38.7	38.8	38.9	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.2
≥ 6000	22.2	38.4	38.8	39.3	39.6	39.7	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	40.1
≥ 5000	22.9	40.8	41.3	41.8	42.3	42.3	42.5	42.5	42.5	42.6	42.6	42.6	42.7	42.7	42.7	42.8
≥ 4500	23.2	41.6	42.2	42.8	43.3	43.4	43.5	43.5	43.6	43.6	43.6	43.6	43.7	43.7	43.7	43.8
≥ 4000	25.0	46.9	48.0	48.7	49.5	49.5	49.8	49.9	49.9	49.9	50.0	50.0	50.1	50.1	50.1	50.2
≥ 3500	26.0	49.5	50.7	51.6	52.4	52.5	52.7	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.2
≥ 3000	28.1	54.4	55.9	56.8	58.1	58.2	58.5	58.6	58.6	58.8	58.8	58.8	58.9	58.9	58.9	59.0
≥ 2500	29.8	58.7	61.0	62.4	63.9	64.1	64.5	64.7	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.1
≥ 2000	32.7	65.1	67.9	69.6	71.5	71.8	72.3	72.8	72.9	73.1	73.2	73.3	73.4	73.4	73.4	73.5
≥ 1800	33.6	66.6	69.5	71.3	73.3	73.7	74.3	74.9	75.0	75.3	75.4	75.4	75.6	75.6	75.6	75.7
≥ 1500	35.6	70.6	73.7	75.9	78.4	78.9	79.9	80.9	81.2	81.5	81.7	81.8	81.9	81.9	81.9	82.1
≥ 1200	36.2	72.2	75.7	78.0	80.9	81.6	82.9	84.0	84.3	84.8	85.0	85.1	85.3	85.3	85.3	85.5
≥ 1000	36.5	73.4	77.1	79.7	82.9	83.6	85.3	86.5	87.0	87.6	88.1	88.2	88.5	88.5	88.6	88.7
≥ 900	36.6	73.9	77.7	80.4	83.7	84.5	86.2	87.6	88.1	88.8	89.3	89.4	89.7	89.7	89.8	89.9
≥ 800	36.6	74.0	77.9	80.7	84.2	85.0	87.1	88.6	89.4	90.3	90.9	91.0	91.4	91.4	91.5	91.6
≥ 700	36.6	74.1	78.0	80.9	84.7	85.6	87.7	89.3	90.2	91.1	91.7	91.8	92.2	92.2	92.4	92.5
≥ 600	36.6	74.1	78.1	81.1	85.0	86.0	88.3	90.1	91.1	92.1	92.8	92.9	93.3	93.3	93.5	93.7
≥ 500	36.7	74.2	78.2	81.2	85.2	86.2	88.7	91.2	92.4	93.7	94.4	94.5	95.0	95.0	95.2	95.4
≥ 400	36.7	74.2	78.3	81.3	85.4	86.4	89.1	91.8	93.2	94.7	95.4	95.5	96.1	96.2	96.5	96.8
≥ 300	36.7	74.2	78.3	81.3	85.5	86.6	89.4	92.3	93.9	95.5	96.5	96.6	97.2	97.3	97.7	98.3
≥ 200	36.7	74.2	78.3	81.3	85.5	86.6	89.4	92.4	94.1	95.8	96.9	97.0	97.8	98.0	98.5	99.1
≥ 100	36.7	74.2	78.3	81.3	85.5	86.6	89.4	92.5	94.2	96.0	97.1	97.3	98.1	98.4	99.0	99.8
≥ 0	36.7	74.2	78.3	81.3	85.5	86.6	89.4	92.5	94.2	96.0	97.2	97.3	98.2	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 6691

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	26.7	42.4	43.4	44.1	44.7	44.8	44.9	45.1	45.1	45.2	45.3	45.3	45.3	45.3	45.4	45.5
≥ 20000	29.2	46.4	47.6	48.4	49.0	49.2	49.4	49.6	49.6	49.7	49.7	49.7	49.8	49.8	49.9	49.9
≥ 18000	29.3	46.7	47.8	48.6	49.3	49.5	49.6	49.8	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.2
≥ 16000	29.4	46.8	48.0	48.7	49.4	49.6	49.8	50.0	50.0	50.1	50.1	50.1	50.2	50.2	50.3	50.3
≥ 14000	29.7	47.4	48.6	49.4	50.1	50.3	50.4	50.6	50.7	50.8	50.8	50.8	50.9	50.9	50.9	51.0
≥ 12000	30.4	48.5	49.7	50.5	51.2	51.4	51.6	51.8	51.8	51.9	52.0	52.0	52.0	52.1	52.1	52.2
≥ 10000	31.7	50.9	52.3	53.2	54.0	54.1	54.3	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.9	55.0
≥ 9000	32.1	51.6	52.9	53.8	54.6	54.8	55.0	55.2	55.3	55.4	55.4	55.4	55.5	55.5	55.6	55.6
≥ 8000	33.6	54.3	55.9	56.8	57.7	57.9	58.1	58.4	58.4	58.5	58.6	58.6	58.6	58.7	58.7	58.8
≥ 7000	34.4	56.1	57.7	58.7	59.6	59.9	60.1	60.3	60.4	60.5	60.5	60.5	60.6	60.6	60.7	60.8
≥ 6000	34.9	57.2	58.9	59.9	60.9	61.1	61.4	61.6	61.7	61.8	61.8	61.8	61.9	61.9	62.0	62.1
≥ 5000	35.8	59.1	60.9	62.1	63.1	63.3	63.6	63.9	63.9	64.0	64.1	64.1	64.2	64.2	64.2	64.3
≥ 4500	36.0	59.9	61.9	63.2	64.1	64.3	64.6	64.9	65.0	65.1	65.1	65.1	65.2	65.2	65.3	65.4
≥ 4000	37.8	64.4	66.6	68.0	69.3	69.6	69.9	70.3	70.4	70.5	70.5	70.6	70.7	70.7	70.7	70.8
≥ 3500	38.7	66.5	68.9	70.4	71.7	72.0	72.4	72.8	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.3
≥ 3000	40.6	70.4	73.0	74.6	76.2	76.5	77.0	77.4	77.5	77.6	77.7	77.7	77.8	77.8	77.9	78.0
≥ 2500	41.8	73.1	75.9	77.7	79.4	79.7	80.3	80.8	80.9	81.0	81.1	81.1	81.2	81.3	81.3	81.4
≥ 2000	43.2	76.0	79.0	81.0	82.9	83.3	84.0	84.6	84.7	84.9	85.0	85.0	85.2	85.2	85.2	85.3
≥ 1800	43.5	76.6	79.7	81.7	83.7	84.1	84.8	85.4	85.5	85.7	85.8	85.8	86.0	86.0	86.0	86.1
≥ 1500	44.4	78.7	82.0	84.2	86.4	86.9	87.7	88.4	88.5	88.8	89.0	89.0	89.1	89.1	89.2	89.3
≥ 1200	44.7	79.6	82.9	85.3	87.6	88.1	89.2	89.8	90.0	90.3	90.5	90.5	90.7	90.7	90.8	90.9
≥ 1000	44.9	80.2	83.7	86.3	88.7	89.3	90.4	91.3	91.5	91.9	92.1	92.1	92.3	92.3	92.4	92.5
≥ 900	45.0	80.5	84.1	86.8	89.3	89.9	91.1	92.0	92.3	92.6	92.9	92.9	93.1	93.1	93.2	93.3
≥ 800	45.1	80.8	84.4	87.2	89.8	90.5	91.8	92.8	93.1	93.5	93.8	93.9	94.1	94.1	94.2	94.3
≥ 700	45.1	80.9	84.6	87.4	90.2	90.9	92.2	93.3	93.7	94.2	94.5	94.5	94.7	94.8	94.9	95.0
≥ 600	45.1	81.0	84.8	87.6	90.8	91.3	92.7	93.9	94.3	94.9	95.2	95.2	95.5	95.5	95.6	95.8
≥ 500	45.1	81.0	84.9	87.9	90.9	91.7	93.3	94.6	95.1	95.8	96.2	96.2	96.5	96.5	96.7	96.8
≥ 400	45.1	81.1	85.0	88.0	91.2	92.0	93.7	95.2	95.9	96.6	97.1	97.1	97.5	97.5	97.7	97.8
≥ 300	45.1	81.2	85.0	88.1	91.2	92.1	93.9	95.6	96.4	97.2	97.8	97.9	98.3	98.4	98.6	98.7
≥ 200	45.1	81.1	85.0	88.1	91.3	92.2	94.0	95.8	96.6	97.5	98.1	98.2	98.7	98.9	99.2	99.4
≥ 100	45.1	81.1	85.0	88.1	91.3	92.2	94.0	95.8	96.6	97.5	98.2	98.4	98.9	99.0	99.4	99.6
0	45.1	81.1	85.0	88.1	91.3	92.2	94.0	95.8	96.6	97.5	98.2	98.4	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 78873

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE DISREGARDED, BECAUSE THEY ARE NOT STATISTICALLY SIGNIFICANT.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726395 | WURTSMITH AFB,MI | 73-81 | JAN
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	14.1			15.9						18.9	51.1	7.3	836
	03-05	13.5			14.8						17.0	54.7	7.4	837
	06-08	10.5			19.1						14.6	55.8	7.5	837
	09-11	4.8			23.8						20.1	51.3	7.7	835
	12-14	2.0			24.0						27.8	46.1	7.8	837
	15-17	2.9			22.9						28.2	46.0	7.8	837
	18-20	6.7			23.8						23.6	45.9	7.4	836
	21-23	12.9			19.9						17.0	50.1	7.1	834
TOTALS		8.4			20.5						20.9	50.1	7.5	6685

USAFETAC FORM JUL 64 8-9-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726395 (STATION) | HURTSMITH AFB,MI (STATION NAME) | 73-81 (PERIOD) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	23.0			15.2						15.6	46.1	6.5	761
	03-05	22.7			14.6						13.3	49.4	6.6	761
	06-08	13.1			21.6						15.9	49.4	7.0	761
	09-11	5.1			23.2						21.3	50.4	7.6	762
	12-14	2.8			21.3						27.9	48.0	8.0	760
	15-17	2.9			21.7						28.2	47.2	7.9	762
	18-20	5.5			26.5						22.8	45.1	7.4	762
	21-23	15.5			24.1						13.3	47.1	6.6	762
TOTALS		11.3			21.0						19.8	47.8	7.2	6091

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (PERIOD) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	24.1			17.3						13.4	45.2	6.2	831
	03-05	22.3			14.7						12.1	50.9	6.6	829
	06-08	11.3			20.8						16.3	51.6	7.3	832
	09-11	5.5			23.2						20.7	50.5	7.6	835
	12-14	4.7			24.7						19.6	51.0	7.6	837
	15-17	6.3			24.3						21.1	48.3	7.5	837
	18-20	8.4			26.4						19.0	46.2	7.1	836
	21-23	21.2			21.1						12.1	45.6	6.3	835
TOTALS		13.0			21.6						16.8	48.7	7.0	6672

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726395	WURTSMITH AFB,MI	73-81	APR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	29.0			17.2						13.4	40.5	5.8	808
	03-05	27.1			17.1						13.6	42.3	6.0	809
	06-08	13.2			24.4						21.4	41.0	6.8	809
	09-11	13.1			23.9						19.7	43.4	6.8	809
	12-14	10.2			24.4						19.9	45.4	7.1	810
	15-17	6.8			24.4						24.6	44.2	7.4	810
	18-20	5.8			29.7						20.7	43.8	7.1	808
	21-23	20.1			25.7						14.2	39.9	6.0	809
TOTALS		15.7			23.4						18.4	42.6	6.6	6472

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (PERIOD) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	28.2			23.1						15.6	33.1	5.4	832
	03-05	19.4			31.9						15.6	33.2	5.7	832
	06-08	12.7			29.1						25.9	32.3	6.4	833
	09-11	11.1			30.6						26.6	31.7	6.5	836
	12-14	8.3			27.9						31.0	32.8	6.9	835
	15-17	6.8			29.7						32.4	31.1	6.9	836
	18-20	8.0			28.6						32.0	31.4	6.9	835
	21-23	16.0			33.2						19.5	31.4	5.9	832
TOTALS		13.8			29.3						24.8	32.1	6.3	6671

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 PERIOD | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	28.5			27.5						17.2	26.8	5.1	807
	03-05	16.3			33.7						20.5	29.6	5.8	805
	06-08	9.4			33.5						27.8	29.3	6.4	809
	09-11	7.4			31.6						31.6	29.4	6.7	810
	12-14	3.7			26.1						40.2	30.0	7.4	809
	15-17	3.2			32.2						36.0	28.5	7.1	810
	18-20	5.9			33.8						35.2	25.0	6.7	807
	21-23	13.4			37.4						22.7	26.5	5.8	807
TOTALS		11.0			32.0						28.9	28.1	6.4	6464

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726395 | WURTSMITH AFB,MI | 73-81 | JUL

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	34.0			29.7						16.4	19.9	4.4	835
	03-05	25.3			36.3						16.1	22.3	4.8	826
	06-08	13.3			37.4						24.8	24.5	5.8	828
	09-11	8.1			39.3						29.1	23.6	6.2	832
	12-14	4.2			38.0						32.3	25.6	6.6	837
	15-17	3.9			39.7						33.1	23.3	6.5	837
	18-20	8.2			37.9						33.5	20.4	6.2	837
	21-23	17.5			41.1						21.5	19.9	5.2	836
TOTALS		14.3			37.4						25.9	22.4	5.7	6668

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (PERIOD) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	28.7			28.5						21.2	21.7	4.9	826
	03-05	25.6			31.6						19.0	23.9	5.0	817
	06-08	9.2			37.5						28.3	25.0	6.2	824
	09-11	7.3			36.1						28.2	28.4	6.5	837
	12-14	2.4			35.5						32.0	30.1	7.0	837
	15-17	2.6			37.6						30.1	29.6	6.8	837
	18-20	6.2			38.0						28.0	27.8	6.4	836
	21-23	17.9			36.6						19.5	26.0	5.5	834
TOTALS		12.5			35.2						25.8	26.6	6.0	6648

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

26395	WURTSMITH AFB,MI	73-81	SEP
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	31.8			21.2						15.7	31.2	5.2	807
	03-05	30.4			22.3						14.6	32.7	5.2	802
	06-08	8.1			32.7						27.6	31.6	6.6	801
	09-11	7.1			30.6						24.9	37.4	6.9	807
	12-14	4.7			32.1						28.0	35.2	7.0	810
	15-17	4.7			31.5						31.7	32.1	7.0	810
	18-20	8.6			34.6						26.3	30.5	6.5	810
	21-23	25.4			28.2						16.5	29.9	5.3	806
	TOTALS	15.1			29.2						23.2	32.6	6.2	6453

FORM 0-8, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726395 | WURTSMITH AFB,MI | 73-81 | OCT
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	22.7			19.8						20.0	37.5	6.1	822
	03-05	19.2			23.1						20.3	37.3	6.3	822
	06-08	8.9			26.9						26.8	37.4	7.0	824
	09-11	7.3			23.0						31.9	37.8	7.3	835
	12-14	6.3			23.1						32.7	37.9	7.4	837
	15-17	7.5			21.1						32.6	38.8	7.4	835
	18-20	10.7			24.7						26.5	38.1	6.9	833
	21-23	19.6			22.5						19.5	38.3	6.3	835
TOTALS		12.8			23.0						26.3	37.9	6.8	6643

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

'26395 | WURTSMITH AFB,MI | 73-81 | NOV

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	17.2			16.1						16.4	50.3	7.0	797
	03-05	15.2			18.3						16.0	50.5	7.0	794
	06-08	8.6			22.7						17.5	51.2	7.4	802
	09-11	4.5			20.9						25.9	48.8	7.8	804
	12-14	5.5			19.6						26.0	48.9	7.8	803
	15-17	5.3			20.0						26.5	48.1	7.8	808
	18-20	8.4			21.5						17.9	52.2	7.5	806
	21-23	14.1			14.7						16.8	54.5	7.4	797
TOTALS		9.9			19.2						20.4	50.6	7.5	6411

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (PERIOD) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	12.3			15.6						16.4	55.7	7.5	836
	03-05	9.4			14.8						16.8	58.9	7.9	837
	06-08	5.9			16.4						16.1	61.6	8.1	831
	09-11	1.2			18.2						23.8	56.8	8.4	836
	12-14	1.6			16.9						26.9	54.7	8.4	836
	15-17	1.4			18.9						25.9	53.8	8.3	837
	18-20	5.5			21.6						18.3	54.6	7.8	834
	21-23	10.9			17.6						14.5	56.9	7.5	833
TOTALS		6.0			17.5						19.8	56.6	8.0	6680

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

726395 | WURTSMITH AFB,MI | 73-81 | ALL

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	8.4			20.5						20.9	50.1	7.5	6689
FEB		11.3			21.0						19.8	47.8	7.2	6091
MAR		13.0			21.6						16.8	48.7	7.0	6672
APR		15.7			23.4						18.4	42.6	6.6	6472
MAY		13.8			29.3						24.8	32.1	6.3	6671
JUN		11.0			32.0						28.9	28.1	6.4	6464
JUL		14.3			37.4						25.9	22.4	5.7	6668
AUG		12.5			35.2						25.8	26.6	6.0	6648
SEP		15.1			29.2						23.2	32.6	6.2	6453
OCT		12.8			23.0						26.3	37.9	6.8	6643
NOV		9.9			19.2						20.4	50.6	7.5	6411
DEC		6.0			17.5						19.8	56.6	8.0	6680
TOTALS		12.0			25.8						22.6	39.7	6.8	78562

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

      NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

      NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

72395 HURTSMITH AFB,MI 43-45, 51-81
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 100							.1						.0
≥ 95					.1	1.2	.9	1.0	.2				.3
≥ 90					1.2	5.8	6.8	5.1	1.8				1.8
≥ 85				.3	4.2	15.6	22.1	16.8	4.2	.3			5.4
≥ 80				1.5	9.7	28.6	44.7	36.6	13.1	.9			11.5
≥ 75			.1	3.7	20.0	44.1	67.6	58.6	25.4	5.3			19.1
≥ 70			.6	7.9	29.3	62.4	89.0	80.9	43.6	12.9	.5		27.8
≥ 65			1.7	13.8	41.8	81.0	97.3	96.0	64.7	24.4	2.2		35.8
≥ 60	.1		3.6	21.2	56.3	92.7	99.9	99.4	83.7	39.2	5.7	.1	42.4
≥ 55		.1	6.2	31.5	72.8	97.6	100.0	100.0	95.8	59.1	13.8	1.4	48.8
≥ 50	.4	.3	10.1	47.9	86.4	99.6			99.2	77.1	26.9	3.1	54.8
≥ 45	2.2	2.8	17.6	65.8	96.2	99.7			100.0	91.2	43.5	6.4	61.0
≥ 40	6.0	10.5	32.1	84.0	99.7	100.0				97.1	63.9	14.0	67.7
≥ 35	19.4	26.3	55.8	95.4	100.0					99.9	83.1	34.8	76.6
≥ 30	41.3	50.9	80.1	99.3						100.0	95.4	62.4	86.0
≥ 25	60.4	70.4	93.1	99.8							99.0	80.6	92.1
≥ 20	76.6	84.9	98.6	100.0							99.6	92.6	96.1
≥ 15	90.9	92.2	99.5								100.0	98.1	98.4
≥ 10	97.5	97.1	100.0									99.8	99.5
≥ 5	99.6	99.6										100.0	99.9
≥ 0	100.0	100.0											100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	26.6	28.7	37.0	50.5	62.8	73.4	78.3	76.7	68.5	57.3	43.6	31.6	52.9
S.D.	8.947	9.022	9.797	11.550	11.750	9.979	7.319	7.644	9.067	9.911	9.430	8.392	20.738
TOTAL OBS.	1023	931	1023	985	1017	990	1054	1054	1013	1033	990	1023	12136

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

/26395 (STATION) wURTSMITH AFB,MI (STATION NAME) 43-45, 51-81 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 70						.7	1.5	2.4	1.2				.5
≥ 65					.2	5.3	15.6	12.7	4.5	.1			3.3
≥ 60				.1	2.5	17.7	41.0	38.5	13.6	.8			9.8
≥ 55			.1	.8	7.9	38.9	67.6	62.1	27.9	5.1			17.9
≥ 50			.2	1.9	17.3	65.4	87.8	83.1	49.2	14.2	1.9		27.3
≥ 45			.7	6.2	35.1	82.3	97.7	96.1	68.3	27.7	4.4		35.5
≥ 40	.2	.2	2.0	17.7	57.4	94.5	99.8	99.8	85.2	46.4	13.3	.8	43.7
≥ 35	1.1	1.4	7.2	37.7	80.2	99.2	100.0	100.0	95.9	69.5	29.1	5.7	52.8
≥ 33	2.4	3.1	12.7	47.2	87.4	99.6			98.4	78.0	37.0	9.8	56.9
≥ 30	6.1	7.5	23.1	63.7	93.9	100.0			99.8	88.6	53.4	17.5	63.3
≥ 25	15.1	18.0	43.4	84.8	99.5				100.0	97.3	75.6	33.5	72.7
≥ 20	29.3	29.8	59.8	95.4	100.0					99.4	88.9	50.7	79.8
≥ 15	42.6	45.3	74.0	98.6						100.0	94.9	66.1	85.4
≥ 10	57.9	61.0	86.3	99.5							98.0	76.6	90.1
≥ 5	71.4	74.7	93.4	100.0							99.8	87.5	94.0
≥ 0	83.5	85.6	97.6								100.0	95.2	96.9
≥ -5	91.9	93.7	99.3									98.9	98.7
≥ -10	97.8	97.5	100.0									99.8	99.6
≥ -15	99.6	99.1										100.0	99.9
≥ -20	99.8	99.9											100.0
≥ -25	100.0	100.0											100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	11.7	12.8	21.4	32.3	41.7	52.1	57.5	56.7	49.2	39.5	29.9	18.6	35.3
S.D.	11.667	11.665	10.327	7.990	8.303	7.711	6.451	6.882	8.857	8.608	8.892	10.908	18.404
TOTAL OBS.	1023	931	1023	985	1017	990	1054	1054	1013	1033	990	1023	12136

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

726395 (STATION) KURTSMITH AFB,MI (STATION NAME) 43-45, 51-81 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 85							.1	.1					.0
≥ 80						1.6	3.5	2.8	1.1				.8
≥ 75					1.2	8.6	15.8	12.9	4.2				3.7
≥ 70				.3	5.2	22.6	42.2	35.6	10.8	.4			10.0
≥ 65			.1	1.1	11.6	42.6	69.4	63.3	24.1	3.3			18.4
≥ 60			.3	4.2	23.1	62.9	91.6	86.1	47.0	10.7	.3		27.7
≥ 55			.9	8.9	38.2	85.3	99.2	98.2	69.9	25.7	2.8		36.3
≥ 50	.1		2.8	18.0	59.0	96.1	100.0	100.0	87.1	43.8	7.5	.3	43.5
≥ 45	.2	.1	6.0	32.9	78.9	99.2			97.2	67.1	19.0	1.9	50.8
≥ 40	1.3	1.6	11.8	55.7	93.9	100.0			99.6	85.3	36.9	4.8	58.1
≥ 35	4.9	7.5	27.3	79.4	99.6				100.0	96.6	61.3	16.0	66.5
≥ 30	16.0	20.7	50.1	93.9	100.0					99.6	81.5	34.3	75.1
≥ 25	34.9	38.1	69.7	98.2						100.0	93.4	56.1	82.8
≥ 20	50.9	56.8	85.7	99.6							97.8	72.2	88.8
≥ 15	67.9	75.1	94.4	100.0							99.5	86.7	93.8
≥ 10	82.0	87.8	98.7								100.0	95.2	97.0
≥ 5	92.5	94.0	99.8									99.1	98.8
≥ 0	98.0	97.7	100.0									99.9	99.7
≥ -5	99.7	99.9										100.0	100.0
≥ -10	100.0	100.0											100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	19.4	21.0	29.4	41.6	52.5	63.0	68.1	66.9	59.1	48.6	37.0	25.3	44.3
S.D.	9.855	9.749	9.389	8.912	9.249	8.069	6.133	6.447	8.241	8.399	8.563	9.178	19.215
TOTAL OBS.	1023	931	1023	985	1017	990	1054	1054	1013	1033	990	1023	12136

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

726395 STATION | WURTSMITH AFB, MI STATION NAME | 43-45, 51-81 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43							87	92	89	81	60	47	
44	60	42	55	72	92	97	95	97	83	77	70	40	97
45	36	41	78	81	79	93	91	89*	91*	76			
51	41*	46	55	79	86	87	91	85	83	78	55	55	91
52	46	44	60	77	77	96	93	90	90	76	64	55	96
53	49	48	57	72	87	95	89	95	99	79	67	58	99
54	41	54	63	77	81	88	92	92	89	74	62	37	92
55	38	41	65	78	90	88	93	96	90	80	53	40	96
56	34	39	45	63	87	96	82	87	80	79	62	47	96
57	48	48	60	83	83	89	91	89	85	69	57	55	91
58	39	47	48	82	87	87	87	93	84	76	65	37	93
59	36	38	52	73	86	93	89	91	90	73	54	46	93
60	37	37	52	80	77	84	85	85	91	79	59	49	91
61	46	49	60	64	84	91	88	86	91	76	66	55	91
62	38	42	65	88	92	88	92	88	83	76	53	59	92
63	40	38	70	81	79	91	95	87	81	86	62	44	95
64	48	50	61	84	91	98	93	85	84	73	70	45	98
65	43	47	39	71	85	89	89	98	84	79	70	62	98
66	41	48	64	71	84	95	98	88	87	76	56	54	98
67	48	41	69	70	76	90	90	85	82	86	56	55	90
68	40	40	65	80	80	90	93	93	84	78	71	44	93
69	41	36	51	74	95	88	92	92	84	76	57	41	95
70	40	44	47	80	90	90	92	91	90	79	58	59	92
71	40	45	49	67	85	99	90	86	89	84	64	55	99
72	41	41	46	77	86	87	96	90	82	71	52	45	96
73	53	44	61	77	79	93	96	98	95	77	59	57	98
74	46	49	62	80	80	88	95	89	84	68	69	41	95
75	49	45	48*	74*	88	90	93	91	75	85	67	59	93
76	35	55	66	86	75	94	92	93	92	77	52	39	94
77	31	42	69	83	90	88	101	89	80	69	63	46	101
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

§ (AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

726395 STATION | *URTSMITH AFB,MI STATION NAME | 43-45, 51-81 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
78	35	31	49	58	90	88	90	90	90	76	74	39	90
79	32	42	60	70	89	91	91	88	85	84	58	54	91
80	44	38	54	74	90	93	93	92	85	73	61	44	93
81	39	47	63	71	82	90	91	85	83	62	63	46	91
MEAN	41.7	43.5	57.8	75.7	84.8	91.0	91.6	90.1	86.2	76.7	61.5	48.8	94.5
S.D.	6.253	5.267	8.741	6.920	5.349	3.661	3.635	3.791	4.861	5.311	6.109	7.496	3.093
TOTAL OBS	1023	931	1023	985	1017	990	1054	1054	1013	1033	990	1023	12136

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) § (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

726395 WURTSMITH AFB,MI 43-45, 51-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43							46	45	32	27	13	0	
44	9	-6	0	8	31	41	44	43	34	24	18	-4	-6
45	-11	-5	11	22	27	34	41	44*	37*	27			
51	-22*	-15	1	26	29	37	48	40	30	25	5	-7	-22
52	-10	2	0	17	32	38	44	44	35	23	9	6	-10
53	0	2	1	22	30	42	47	44	35	30	16	6	0
54	-7	-6	3	6	28	41	44	42	37	25	25	-2	-7
55	-2	-3	-1	26	27	42	48	45	34	27	4	-3	-3
56	0	-5	1	16	26	38	45	43	31	26	6	0	-5
57	-12	3	4	18	28	36	35	44	30	24	16	2	-12
58	-7	-11	16	19	27	39	46	43	39	25	5	-9	-11
59	-10	-20	0	20	27	42	49	48	33	25	8	9	-20
60	0	-3	-9	19	31	40	48	45	35	27	20	-7	-9
61	-9	-1	4	20	27	35	43	43	29	29	16	-2	-9
62	-19	-12	-10	19	28	35	46	40	34	27	18	-15	-19
63	-16	-17	-1	16	25	40	42	44	30	28	14	-11	-17
64	-9	-5	7	10	31	30	48	45	30	19	5	-2	-9
65	-12	-8	-5	8	30	35	40	40	27	16	19	2	-12
66	-12	-2	5	21	22	31	46	45	32	18	13	-2	-12
67	-11	-17	-3	13	21	45	43	43	34	27	6	-6	-17
68	-13	-11	5	20	22	39	39	39	40	22	19	-6	-13
69	-9	-2	-2	21	27	33	43	48	34	20	12	4	-9
70	-11	-16	4	18	28	37	50	49	33	30	20	1	-16
71	-8	-12	7	14	31	38	42	39	35	32	3	4	-12
72	-12	-9	-4	10	29	32	40	41	33	18	14	-5	-12
73	1	-10	15	18	26	44	47	49	33	29	21	-2	-10
74	-7	-13	-8	19	25	40	48	48	30	18	17	7	-13
75	-7	-2	-2*	17*	34	45	47	48	32	30	18	-2	-7
76	-15	-17	8	20	28	37	48	44	33	24	5	-8	-17
77	-7	-7	10	18	32	37	45	42	41	24	10	-5	-7
MEAN													
S. D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 43-45, 51-81 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
78	-4	-7	-5	22	29	40	43	46	37	27	17	6	-7
79	-9	-23	4	15	28	37	49	42	36	28	15	7	-23
80	-1	-3	-6	21	31	36	47	52	35	27	18	-3	-6
81	-10	-11	13	21	27	38	43	41	34	23	15	10	-11
MEAN	-8.2	-8.0	1.9	17.6	27.8	38.0	44.8	44.1	33.5	25.0	13.3	-1.1	-11.1
S.D.	6.195	6.611	6.626	4.944	2.787	3.742	3.362	3.113	3.113	4.004	5.941	6.009	5.158
TOTAL OBS	1023	931	1023	985	1017	990	1054	1054	1013	1033	990	1023	12136

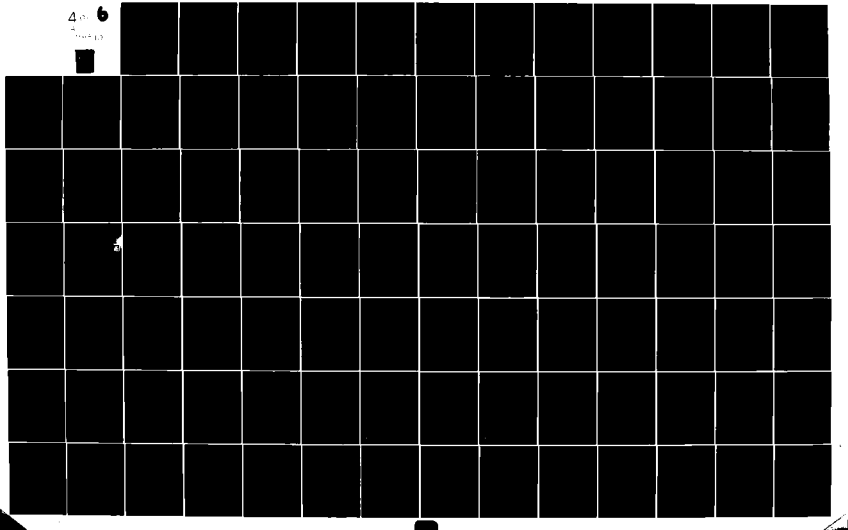
NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

AD-A118 510 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WURTSMITH AFB, MICHIGAN. REVISED UNIFORM SUMMARY OF SURFACE WEA--ETC(U)
JUN 82

UNCLASSIFIED USAFETAC/DS-82/037 SBI-AD-E850 196 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JAN MONTH

 0000-0200 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 4[illegible]		.1																1	1		
4 / 47		.1																1	1	1	
4 / 45		.4																3	3	2	2
4 / 43		.5																4	4	5	2
2 / 41		.4	.4															6	6	4	5
40 / 3[illegible]	.1	1.0	.2															11	11	4	8
3 / 37	.6	.2	.1	.1														9	9	14	5
[illegible] / 35	.2	2.9	.5															30	30	13	10
3[illegible] / 33	.5	2.6	.4															29	29	30	20
2 / 31	1.2	1.6	1.0															31	31	33	28
[illegible] / 29	.6	2.5	.4															29	29	21	20
2 / 27	1.4	3.5	2.7															58	58	44	25
[illegible] / 25	.2	5.5	.4															51	51	45	20
2 / 23	.5	3.5	.5															37	37	63	35
2 / 21	.1	5.4	.7															52	52	39	29
[illegible] / 19	1.6	7.3	.4															77	77	68	89
1 / 17	.7	4.1	.6															45	45	57	52
1 / 15	.4	6.6	.1															59	59	52	53
1 / 13	.6	4.7																44	44	57	48
1 / 11	1.1	5.4	.4															57	57	47	46
[illegible] / 9	.2	4.9	.1															44	44	62	59
/ 7	.2	3.9																35	35	36	42
[illegible] / 5	.2	2.9																26	26	33	29
/ 3	.7	2.0																23	23	31	36
/ 1	.7	2.4																26	26	25	51
/ -1	1.3	.2																13	13	17	33
- / -3	1.2	1.1																19	19	18	18
- / -5	.4	.4																6	6	6	30
- / -7	.7	.1																7	7	9	28
- / -9	.1																	1	1	2	19
- [illegible] / -11	.1																	1	1	1	10
-1 / -13																					6
-1[illegible] / -15	.2																	2	2	2	8
-1 / -17																					5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JAN MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-1 / -19																					4
-20 / -21																					4
-22 / -23																					3
-24 / -25																					1
TOTAL	15.0	75.9	8.0	.1														837	837	837	837

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4828576	62788	75.0	11.906	837							
Dry Bulb	388502	15438	18.4	11.141	837	5.4	82.6					93
Wet Bulb	346522	14360	17.2	10.945	837	6.1	84.9					93
Dew Point	258963	9783	11.7	13.152	837	18.8	87.7					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION — HURTSMITH AFB,MI STATION NAME — 73-81 YEARS — JAN MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 47		.1																1	1		
4 / 45																				1	
4/ 43		1.1																9	9	5	1
2/ 41		.8																7	7	7	5
4 / 39	.6	.1	.1															7	7	9	13
3 / 37	.5	1.4	.1	.1														18	18	7	4
3/ 35	.1	2.5	.1															23	23	20	8
3 / 33	1.2	1.6	.2															25	25	27	22
2/ 31	.8	3.0	.7															38	38	27	27
3 / 29	.5	3.5	.6															38	38	34	16
2/ 27	.6	2.7	.7															34	34	41	25
2/ 25	.6	5.3	1.3															60	60	35	43
2/ 23	.7	2.6	.8															35	35	57	20
2/ 21	.4	4.1	.1															38	38	45	29
/ 19	1.3	6.6																66	66	48	36
1/ 17	.2	6.1																53	53	57	40
1/ 15	.2	6.6																57	57	62	62
1/ 13	1.0	6.1																59	59	51	45
1 / 11	1.7	4.2	.5															47	47	51	50
/ 9	.7	4.1	.1															41	41	46	58
/ 7	.6	5.0																47	47	49	48
/ 5	.4	2.4																23	23	38	29
/ 3	.8	2.2																25	25	25	33
/ 1	.4	3.0																28	28	30	42
0/ -1	1.7	.4																17	17	21	27
-/ -3	.7	.5																10	10	11	27
-1/ -5	1.3	.8																18	18	17	21
-3/ -7	.7	.1																7	7	9	30
-5/ -9	.7																	6	6	7	23
-10/-11																					17
-1 /-13																					9
-14/-15																					4
-16/-17																					6
-18/-19																					11

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AA 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]6395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]/-21																					2
[illegible]2/-23																					1
-2[illegible]/-25																					1
-2[illegible]/-27																					2
TOTAL	17.7	76.7	5.5	.1														837	837	837	837

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Rel. Hum.	4918928	63382	75.7	11.946	837							
Dry Bulb	378577	15009	17.9	11.491	837	6.4	83.0					93
Wet Bulb	341026	14026	16.8	11.260	837	7.2	89.6					93
Dew Point	264310	9560	11.4	13.622	837	20.1	87.1					93

USAFETAC FORM AS 64 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PAGE 1 0600-0800 (HOURS (L.S.T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
46/ 45			.2																2	2		
44/ 43		.7	.1																7	7	5	
42/ 41	.6	.6	.1																11	11	9	9
40/ 39	.1	.4																	4	4	6	5
38/ 37	.4	1.7																	17	17	9	7
36/ 35	.1	2.5																	22	22	21	6
34/ 33	.6	1.4	.5																21	21	24	25
32/ 31	.7	2.5	.4																30	30	19	29
30/ 29	.6	3.6	.4																38	38	29	9
28/ 27	.8	3.3	.6																40	40	46	22
26/ 25	.8	3.8	1.6																52	52	32	42
24/ 23	.7	2.6	.6																33	33	49	24
22/ 21	.5	3.2	.4																34	34	45	24
20/ 19	1.4	7.4																	74	74	52	34
18/ 17	.4	5.7																	51	51	59	39
16/ 15	.5	7.6																	68	68	70	53
14/ 13	.7	4.5																	44	44	44	68
12/ 11	1.4	4.2	.1																48	48	53	61
10/ 9	.2	5.0	.2																46	46	42	49
8/ 7	.7	2.3	.1																26	26	42	47
6/ 5	.7	3.0																	31	31	36	20
4/ 3	1.1	3.0																	34	34	28	37
2/ 1	1.3	2.7																	34	34	43	35
0/ -1	2.0	.7																	23	23	21	31
-2/ -3	1.3	.6																	16	16	19	26
-4/ -5	.8	.6																	12	12	10	20
-6/ -7	1.4	.1																	13	13	17	21
-8/ -9	.4																		3	3	4	28
-10/-11	.2																		2	2	2	20
-12/-13	.1																		1	1	1	15
-14/-15																						7
-16/-17																						8
-18/-19																						13
-20/-21																						4

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-2-/-27																					2
-2-/-29																					1
TOTAL	29.8	74.0	5.3															837	837	837	837

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	4993521	63891	76.3	11.805	837							
Dry Bulb	362675	14413	17.2	11.702	837	7.8	83.7					93
Wet Bulb	327210	13490	16.1	11.460	837	8.2	84.8					93
Dew Point	258579	9137	10.9	13.789	837	21.3	87.2					93

FORM AS 64 0-26-5 (OL A) USAFETAC

SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JAN MONTH

PAGE 1 ~~0900-1100~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4[illegible] / 45		.1																1	1		
44 / 43		.4	.2															5	5	3	1
42 / 41	.7	.1	.1	.1														9	9	8	8
4[illegible] / 39		.4	.2															5	5	2	1
3[illegible] / 37	.4	1.9	1.2															29	29	10	5
3[illegible] / 35		1.4	.7															18	18	23	13
34 / 33	.4	2.7	.4															29	29	28	12
32 / 31	.6	3.0	.6															35	35	34	25
[illegible] / 29	1.3	1.9	.8															34	34	39	37
2[illegible] / 27	.5	3.7	1.1															44	44	25	29
2[illegible] / 25	.5	5.1	1.2															57	57	44	30
24 / 23	.7	2.5	1.2															37	37	53	21
22 / 21	1.2	5.5	.6															61	61	57	30
[illegible] / 19	1.3	9.1	.5															91	91	65	36
1[illegible] / 17	.1	5.9	.1															51	51	77	49
1[illegible] / 15	.1	5.6	.4															51	51	60	61
[illegible] / 13	.2	5.4																47	47	38	65
1[illegible] / 11	.8	5.0																49	49	57	55
[illegible] / 9	.6	3.8																37	37	49	56
[illegible] / 7	.6	3.7																36	36	35	43
[illegible] / 5	.6	2.6																27	27	32	23
[illegible] / 3	.7	1.7																20	20	24	41
/ 1	.5	3.1																30	30	29	43
/ -1	1.6	.2																15	15	24	30
-[illegible] / -3	.6	.4																8	8	10	22
-[illegible] / -5	.4	.5																7	7	5	23
-[illegible] / -7	.1	.1																2	2	3	12
-[illegible] / -9	.1																	1	1	2	15
-[illegible] / -11																					13
-[illegible] / -13																					14
-14 / -15	.1																	1	1	1	11
-[illegible] / -17																					4
-[illegible] / -19																					6
-[illegible] / -23																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-25/-27																						1
-23/-27																						1
TOTAL	14.7	75.9	9.3	.1															837	837		837

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4769533	62355	74.5	12.189	837							
Dry Bulb	399862	15972	19.1	10.664	837	3.8	82.3					93
Wet Bulb	354761	14841	17.7	10.468	837	5.0	84.8					93
Dew Point	261612	10148	12.1	12.875	837	17.0	88.6					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

 1200-1800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53					.1													1	1		
52/ 49				.1	.1													2	2		
50/ 47			.1		.2													3	3		
48/ 45			.2															2	2	1	
46/ 43	.2	.1																3	3	5	2
44/ 41		.6	.2	.5														11	11	4	
42/ 39	.1	.7	.8	.1														15	15	11	6
40/ 37	.8	1.1	1.2	.1														27	27	16	11
38/ 35	.4	1.6	2.2	.1														35	35	22	10
36/ 33		2.2	2.2	.2														38	38	34	15
34/ 31	.6	3.6	1.4	.7														53	53	43	27
32/ 29	.1	2.9	2.3	.2														46	46	46	38
30/ 27	.1	3.7	1.8	.2														49	49	41	36
28/ 25	.7	5.1	4.3	.2														87	87	59	29
26/ 23	.2	2.9	3.9															59	59	69	31
24/ 21	.2	5.7	3.5															79	79	72	37
22/ 19	.1	6.6	2.4															76	76	88	40
20/ 17		3.2	3.2															54	54	64	48
18/ 15		2.9	3.7															55	55	53	56
16/ 13	.1	3.9	2.2															52	52	57	70
14/ 11		3.0	.8															32	32	53	52
12/ 9		2.6	.2															24	24	38	59
10/ 7		1.8	.2															17	17	27	42
8/ 5		.8																7	7	17	33
6/ 3		.7																6	6	7	32
4/ 1		.5																4	4	7	44
2/ -1																				3	41
0/ -3																					26
-2/ -5																					12
-4/ -7																					10
-6/ -9																					8
-8/-11																					10
-10/-13																					2
-12/-15																					10

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 24 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JAN MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.8	56.2	36.9	2.6	.5														837	837	837	837

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3946285	56343	67.3	13.552	837							
Dry Bulb	523228	19552	23.4	8.919	837		77.8					93
Wet Bulb	436814	17644	21.1	8.809	837	.3	82.7					93
Dew Point	275356	11544	13.8	11.707	837	13.2	88.1					93

FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 53					.1													1	1		
2/ 51						.1												1	1		
5 / 49			.1		.1													2	2		
/ 47			.1															1	1		
/ 45			.4	.1														4	4	2	
4/ 43		.1	.4	.1														5	5	2	
2/ 41	.1	.6	.4	.1														10	10	9	3
/ 39	.1		.6	.1														7	7	7	5
/ 37	.7	1.1	1.3															26	26	11	9
/ 35	.2	2.5	2.3	.8														49	49	21	7
/ 33	.2	3.3	1.9	.5														50	50	44	16
2/ 31	.4	3.0	3.0	.6														58	58	44	36
/ 29	.2	2.0	1.7	.4														36	36	54	31
/ 27	.6	3.3	3.0	.2														60	60	44	39
/ 25	.1	4.5	4.1	.5														77	77	57	28
/ 23	.4	3.0	3.3	.2														58	58	76	29
2/ 21	.5	4.1	3.8															70	70	63	36
/ 19	.1	5.3	3.8	.1														78	78	73	58
/ 17		3.8	5.7															80	80	60	46
/ 15		2.4	3.1															46	46	82	53
/ 13		2.4	2.7															43	43	56	48
/ 11		2.0	1.7															31	31	45	47
/ 9	.1	1.6	.5															18	18	38	51
/ 7		1.3	.2															13	13	19	49
/ 5		1.2																10	10	19	47
/ 3		.4																3	3	8	32
/ 1																				3	43
/ -1																					28
/ -3																					32
/ -5																					23
/ -7																					15
/ -9																					11
/ -11																					11
/ -13																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | JAN (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-1 / -15																						2
- / -17																						1
TOTAL	3.8	47.9	44.1	3.8	.2	.1													837	837		837
																			837		837	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3783164	54944	65.6	14.527	837							
Dry Bulb	541332	20010	23.9	8.678	837		75.7					93
Wet Bulb	445899	17929	21.4	8.601	837		82.3					93
Dew Point	273638	11420	13.6	11.872	837	13.8	88.6					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 47		.1																1	1		
4[illegible] / 45		.1	.1															2	2	1	
[illegible]4 / 43	.1	.5	.2															7	7	4	5
[illegible]2 / 41	.1	.1																2	2	4	3
4 / 39		.4	.6															8	8	6	
3[illegible] / 37	.4	1.0	.2															13	13	6	7
[illegible] / 35	.4	2.9	.7	.2														35	35	16	7
3[illegible] / 33	1.1	3.0	.6															38	38	41	18
[illegible]2 / 31	.4	3.1	1.6															42	42	34	33
[illegible] / 29	.4	3.7	2.2															52	52	35	22
2[illegible] / 27	.5	4.4	2.2															59	59	52	28
[illegible] / 25	.4	5.1	2.3	.1														66	66	61	26
2[illegible] / 23		4.1	1.0															42	42	64	38
2[illegible] / 21	.1	4.5	1.7															53	53	50	43
[illegible] / 19	.5	7.4	1.7															80	80	60	47
1[illegible] / 17	.2	4.2	1.9															53	53	69	53
1[illegible] / 15	.1	6.0	1.0															59	59	55	48
1[illegible] / 13		6.5	.7															60	60	59	60
1 / 11		4.3	.6															41	41	61	47
[illegible] / 9		4.3	.8															43	43	38	44
[illegible] / 7		4.7																39	39	41	46
[illegible] / 5	.1	1.4																13	13	41	44
[illegible] / 3		1.7																14	14	14	38
[illegible] / 1	.1	1.3																9	9	16	32
/ -1	.2	.1																3	3	5	27
- / -3		.1																1	1	1	30
-[illegible] / -5		.1																1	1	2	21
-[illegible] / -7																					27
-[illegible] / -9	.1																	1	1	1	24
- / -11																					6
-1[illegible] / -13																					6
-1[illegible] / -17																					3
-1[illegible] / -19																					3
-[illegible]2 / -23																					1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JAN MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.0	74.7	20.0	.4															837	837	837	837

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4303241	58983	70.5	13.248	837							
Dry Bulb	447411	17659	21.1	9.462	837	.7	81.2					93
Wet Bulb	385791	16141	19.3	9.441	837	1.0	84.3					93
Dew Point	262425	10657	12.7	12.313	837	16.9	88.6					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48 / 47		.1																1	1		
46 / 45		.6																5	5	2	
44 / 43			.2															2	2	4	5
42 / 41		.4	.1															4	4	3	1
40 / 39		.5	.2															6	6	3	3
38 / 37	.6	.8	.2															14	14	15	7
36 / 35	.4	2.4	1.0															31	31	9	11
34 / 33	.8	2.5	.4															31	31	33	18
32 / 31	.5	1.2	1.1	.2														25	25	29	23
30 / 29	.5	2.5	1.4	.1														38	38	21	21
28 / 27	1.0	4.1	1.8															57	57	47	19
26 / 25	.4	6.6	.8															65	65	45	29
24 / 23	.2	5.1	1.1															54	54	88	27
22 / 21	.6	4.2	.8															47	47	43	37
20 / 19	.4	8.4	.7															79	79	52	59
18 / 17	.1	4.3	.6															42	42	76	49
16 / 15	.1	5.5	.6															52	52	45	42
14 / 13	.4	6.3																56	56	46	53
12 / 11	.5	4.4	.4															44	44	66	54
10 / 9	.5	4.9	.2															47	47	39	60
8 / 7		4.3																36	36	44	50
6 / 5		2.2																18	18	32	23
4 / 3	.5	2.5																25	25	26	34
2 / 1	.2	2.5																23	23	25	51
0 / -1	1.9	.5																20	20	25	25
-2 / -3	.5	.5																7	7	10	32
-4 / -5	.1	.2																3	3	3	26
-6 / -7	.1	.1																2	2	2	18
-8 / -9																				1	25
-10 / -11																					7
-12 / -13	.2																	2	2	2	11
-14 / -15	.1																	1	1	1	7
-16 / -17																					1
-18 / -19																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) #URTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JAN (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-0/-21																					3
-2/-23																					2
-24/-25																					1
TOTAL	10.	57.	7.	11.	7	.	4												837		837
																		837		837	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4589697	61163	73.1	11.99	837							
Dry Bulb	400215	16037	19.2	10.54	837	3.9	82.6					93
Wet Bulb	350530	14786	17.7	10.33	837	4.9	85.3					93
Dew Point	249472	9849	11.8	12.64	837	17.9	88.0					93

FORM 26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) HURLBURT FIELD (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PAGE 1 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53					.0													2	2		
52/ 51						.0												1	1		
50/ 49		.0	.0	.0	.0													5	5		
48/ 47		.1	.0		.0													8	8	1	
46/ 45		.1	.1	.0														19	19	9	2
44/ 43	.0	.4	.1	.0														42	42	33	16
42/ 41	.2	.4	.2	.1														60	60	48	34
40/ 39	.1	.4	.4	.0														63	63	48	37
38/ 37	.5	1.1	.6	.0														153	153	88	55
36/ 35	.2	2.3	.9	.1														243	243	145	72
34/ 33	.6	2.4	.8	.1														261	261	261	146
32/ 31	.6	2.6	1.2	.2														312	312	263	228
30/ 29	.5	2.8	1.2	.1														311	311	279	194
28/ 27	.7	3.6	1.6	.1														401	401	390	223
26/ 25	.5	5.1	2.0	.1														515	515	378	247
24/ 23	.4	3.3	1.6	.0														355	355	519	225
22/ 21	.4	4.6	1.4															434	434	414	265
20/ 19	.8	7.2	1.2	.0														621	621	502	359
18/ 17	.2	4.7	1.5															429	429	519	376
16/ 15	.2	5.4	1.1															447	447	479	428
14/ 13	.4	5.0	.7															405	405	408	457
12/ 11	.6	4.1	.6															349	349	433	412
10/ 9	.3	3.9	.3															300	300	352	436
8/ 7	.3	3.4	.1															249	249	293	367
6/ 5	.3	2.1																155	155	248	248
4/ 3	.5	1.8																150	150	163	281
2/ 1	.4	1.9																154	154	178	341
0/ -1	1.1	.3																91	91	116	242
-2/ -3	.5	.4																61	61	69	213
-4/ -5	.4	.3																47	47	43	176
-6/ -7	.4	.1																31	31	40	161
-8/ -9	.2																	12	12	17	149
-10/-11	.0																	3	3	3	94
-12/-13	.0																	3	3	3	64

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | HURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | JAN (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-14/-15	.1																	4	4	4	49
-1 /-17																					28
- /-19																					4
- /-21																					13
- 2/-23																					8
-2 /-25																					4
-2 /-27																					5
-2 /-29																					1
TOTAL	11.5	69.8	17.6	.9	.1	.0												6696	6696		6696
																		6696		6696	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	36132945	483849	72.3	13.221	6696							
Dry Bulb	3441802	134090	20.0	10.631	6696	28.0	648.8					784
Wet Bulb	2988553	123219	18.4	10.378	6696	32.8	673.7					74
Dew Point	2104353	82093	12.3	12.806	6696	138.6	703.8					7

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI- WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | FEB MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 4	.4																	3	3	3	3
2/ 41	.3	.1																3	3	2	2
4 / 39			.3	.1														3	3	1	1
3 / 37	.3	2.0	.4															20	20	5	2
3 / 35	.7	2.2	.3															24	24	24	10
34/ 33	.4	4.2	.9															42	42	30	13
2/ 31	.8	4.1	.4	.1														41	41	37	37
3L/ 29	.8	3.3	2.1	.1														48	48	46	26
2 / 27	.7	3.2	1.1	.1														38	38	38	29
2 / 25	.9	3.8	.5	.1														41	41	41	46
2 / 23	.3	3.0	.7	.1														31	31	43	25
2/ 21	.1	2.6	2.6															41	41	29	18
20/ 19	.9	7.5																64	64	48	35
1 / 17	.9	4.9	.1															45	45	65	26
1 / 15	.7	5.4	.1															47	47	51	43
1 / 13	1.4	4.7																47	47	47	36
1 / 11	1.1	3.5	.7															40	40	42	62
1 / 9	.5	5.0																42	42	36	70
/ 7	.9	3.2																31	31	48	34
/ 5	.8	2.1																22	23	31	19
/ 3	.5	3.4																30	30	18	22
/ 1		2.6																20	20	28	41
/ -1	1.2	.5																13	13	19	35
/ -3	.4	.4																6	6	9	29
/ -5	.1	.5																5	5	3	20
/ -7	.5																	4	4	7	22
/ -	.4																	3	3	3	9
/-1	.3																	2	2	2	10
/-13	.3																	2	2	2	5
/-15																					4
/-17																					5
/-19	.4																	3	3	3	9
/-21																					4
/-23																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | FEB MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-24/-25																					4
-32/-33																					2
-34/-35																					1
TOTAL	16.8	72.3	10.1	.8															762		761
																		761		761	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4324868	56482	74.2	13.215	761							
Dry Bulb	366891	14347	18.8	11.276	762	4.2	73.5					84
Wet Bulb	324948	13294	17.5	11.045	761	5.3	78.8					84
Dew Point	246966	8958	11.8	13.646	761	17.8	80.6					84

USAFETAC FORM AA 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
44/ 43	.1																	1	1	1	1
42/ 41	.4	.1																4	4	4	4
40/ 39	.4	.1		.1														5	5	3	3
38/ 37	.3	2.2	.1	.1														21	21	5	1
36/ 35	.5	1.3	.7															19	19	23	8
34/ 33	.5	3.3	.5															33	33	25	18
32/ 31	1.4	4.7	.3	.4														52	52	39	37
30/ 29	.3	3.3	1.6															39	39	40	10
28/ 27	.7	2.4	.7															28	28	37	38
26/ 25	.8	3.5	.9															40	40	35	40
24/ 23	.5	2.9	.5															30	30	36	27
22/ 21	1.2	3.9	1.7															52	52	39	19
20/ 19	1.3	4.7	.1															47	47	48	34
18/ 17		5.5	.1															43	43	43	28
16/ 15	.5	5.2																44	44	52	27
14/ 13	1.4	2.9																33	33	43	60
12/ 11	2.4	3.5																45	45	44	51
10/ 9	2.2	5.8	.1															62	62	47	42
8/ 7	.8	4.6																41	41	55	53
6/ 5	.3	1.7																15	15	29	30
4/ 3	.8	2.1																22	22	22	31
2/ 1	1.3	3.4																36	36	34	34
0/ -1	1.3	.8																16	16	18	33
-2/ -3	.1	.7																6	6	10	29
-4/ -5	.7	.1																6	6	8	21
-6/ -7	1.0																	8	8	8	23
-8/ -9	.4																	3	3	3	9
-10/-11	.3																	2	2	2	10
-12/-13	.4																	3	3	3	4
-14/-15	.4																	3	3	3	1
-16/-17																					12
-18/-19																					4
-20/-21	.3																	2	2	2	6
-22/-23	.1																	1	1	1	6

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS-64 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-2 / -5																					5
-3 / -35																					2
-3 / -37																					1
TOTAL	23	168	9	7	3														762		762
																		762		762	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4521931	57881	76.0	12.833	762							
Dry Bulb	345524	13492	17.7	11.837	762	5.5	74.9					84
Wet Bulb	309071	12573	16.5	11.556	762	6.4	77.3					84
Dew Point	242862	8549	11.2	13.901	762	18.3	80.1					84

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
≥2/ 41	.4																	3	3	3	3
4 / 39	.4	.3	.1															6	6	3	3
3 / 37	.8	1.2	.4															18	18	10	5
3 / 35	.7	1.8	.1	.1														21	21	22	13
3 / 33	.8	2.1	.4															25	25	19	16
2/ 31	.5	5.6	1.2	.4														59	59	33	22
30/ 29	1.0	2.8	1.3															39	39	48	19
2 / 27	1.2	3.9	.9															42	42	43	30
26/ 25	.3	1.8	.7															21	21	37	33
24/ 23	.7	3.1	.9															36	36	26	38
22/ 21	1.3	3.1	1.2															43	43	37	27
/ 19	1.0	2.9	.3															32	32	42	31
18/ 17	.5	5.1	.1															44	44	34	31
16/ 15	3.3	4.5																42	42	44	30
14/ 13	1.0	3.9	.1															39	39	43	35
1 / 11	2.0	3.8																44	44	48	43
1 / 9	1.8	2.9	.1															37	37	46	43
/ 7	2.2	4.7	.1															54	54	43	47
/ 5	.9	3.5	.1															35	35	46	32
/ 3	1.0	3.5																35	35	37	47
/ 1	.8	2.5																25	25	28	33
/ -1	1.7	.1																14	14	21	29
-1/ -3	.8	.5																10	10	11	35
-1/ -5	1.2	.3																11	11	9	24
-1/ -7	1.0																	8	8	10	22
-1/ -9	.9																	7	7	7	22
-1 /-11	.4																	3	3	3	5
-1 /-13																					3
-1 /-15	.3																	2	2	2	4
-1 /-17	.5																	4	4	4	7
-1 /-19	.1																	1	1	1	10
-20/-21	.3																	2	2	2	3
-22/-23																					4
-24/-25																					4

Element (X)	$\Sigma_{\frac{1}{2}}$	$\Sigma_{\frac{1}{2}}$	$\bar{X}$	$\sigma_{\frac{1}{2}}$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 30-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-2 / -27																					4
- / -29																					2
- 2 / -33																					1
-3 / -35																					1
-3 / -37																					1
TOTAL	27	764	2	7	6	5												762	762	762	762

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4560503	58123	76.3	12.922	762							
Dry Bulb	332087	12891	16.9	12.240	762	6.8	76.0					84
Wet Bulb	298710	12038	15.8	11.942	762	7.7	77.7					84
Dew Point	239801	8027	10.5	14.283	762	20.0	79.6					84

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 43		.1	.1															2	2		
2/ 41	.3	.5	.1															7	7	3	2
0/ 39	.5	.9	.3															13	13	12	5
3 / 37	.7	.8	.3															13	13	14	9
/ 35	1.1	3.4	.4	.3	.1													40	40	18	16
3/ 33	.1	3.7	.9	.1														37	37	30	19
2/ 31	.7	3.7	2.5	.3	.1													55	55	44	27
6/ 29	.8	3.0	1.4	.3														42	42	43	35
/ 27	.4	2.9	1.6															37	37	41	25
/ 25	.9	3.3	1.6	.1														45	45	40	22
/ 23	.4	2.9	1.4															36	36	48	35
2/ 21	1.1	4.2	1.7															53	53	49	30
0/ 19	.9	5.7	.5															54	55	48	48
/ 17	.3	4.9	.4															42	42	53	27
/ 15	.4	6.3	.3															53	54	44	38
/ 13	1.1	5.9	.1															54	54	54	45
/ 11	1.1	3.9	.1															39	39	58	58
/ 9	.5	3.4																30	30	35	45
/ 7	.5	3.4																30	30	36	45
/ 5		1.7	.1															14	14	19	30
/ 3	.4	2.1																19	19	17	44
/ 1	.5	2.5																23	23	21	38
/ -1	.6	.3																8	8	18	27
/ -3	.1	.4																4	4	4	26
/ -5		.3																2	2	1	13
/ -7	.1	.3																3	3	3	8
/ -9	.4																	3	3	5	8
/-11	.1																	1	1	1	3
/-13	.1																	1	1	1	6
/-15																					8
/-17																					2
/-19																					9
/-21																					3
/-23																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-? / -5																					3
TOTAL	14.2	70.5	13.9	1.1	.3														762		760
																		760		760	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4274691	56057	73.8	13.580	760							
Dry Bulb	406599	15581	20.4	10.754	762	2.4	71.7					84
Wet Bulb	356043	14371	18.9	10.539	760	3.6	75.5					84
Dew Point	259544	9978	13.1	13.014	760	12.9	78.4					84

USAFETAC FORM AR 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72639 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | FEB MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 53				.1	.1													2	2		
5?/ 49				.1														1	1		
/ 47			.1															1	1	1	
4/ 45																				1	
4/ 43		.3	1.1	.3														12	12	2	
2/ 41	.7	.9	.8	.1		.1												20	20	13	5
40/ 39	.1	.9	.8	.4	.1	.3												20	20	13	8
3 / 37	.7	2.1	1.2	.7		.1												36	36	21	18
/ 35	.7	1.6	1.4	.4	.1													32	32	31	16
3 / 33	.3	3.5	1.4	.3	.1													43	43	32	14
2/ 31	.1	3.7	2.6	1.7														62	62	48	37
29/ 29	.4	2.5	3.5	.7														54	54	43	26
/ 27	.1	2.9	4.5	.7														62	62	39	26
/ 25	.4	3.3	3.8															57	57	72	31
/ 23		3.3	1.6	.5														41	41	73	29
2/ 21	.5	2.6	4.7															60	60	52	41
/ 19		4.1	5.3	.1														72	72	43	39
/ 17	.1	2.6	2.9															43	44	73	34
1 / 15	.1	3.9	2.1															47	47	55	60
1 / 13		2.1	1.1															24	24	45	50
1 / 11	.1	1.8	.9															22	22	30	41
/ 9		1.7																13	13	24	44
/ 7		.5	.5															8	8	14	46
/ 5	.1	1.4	.3															14	14	11	43
/ 3	.3	1.2																11	11	18	40
/ 1		.4																3	3	5	34
/ -1	.1																	1	1	2	20
/ -3																					13
/ -5																					13
/ -7																					12
/ -9																					4
/ -11																					5
-1 / -13																					4
-1 / -15																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | FEB MONTH

1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1 /-19																					4
-2 /-21																					2
TOTAL	4	94	74	40	6	7	5	5										761	762	761	761

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3553556	50722	66.7	15.081	761							
Dry Bulb	543603	19047	25.0	9.418	762	.1	65.6					84
Wet Bulb	449299	17117	22.5	9.197	761	.2	71.4					84
Dew Point	284562	11402	15.0	12.233	761	8.7	77.3					84

FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI- WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
5 / 55					.1	.1												2	2		
2/ 51					.1													1	1		
5 / 49						.1												1	1		
/ 47					.4													3	3	1	
4 / 45		.3	.4	.1														6	6	2	
4/ 43	.5	.7		.3														11	11	8	4
2/ 41	.3	.9	.8	.7		.1												21	21	10	6
4 / 39	.3	.9	1.0	.4	.1	.1												22	22	16	7
3 / 37	.8	1.8	.8	1.2	.1													36	36	20	16
/ 35	.3	2.2	1.4	.1														31	31	31	10
3 / 33	.8	2.1	1.8	.7	.1													42	42	33	19
2/ 31	.3	4.1	2.9	1.6	.7													72	72	40	34
/ 29	.7	2.6	3.1	.4	.3													54	54	62	26
2 / 27	.4	3.4	3.7	1.7	.1													71	71	44	41
2 / 25	.1	3.0	3.4	.4														53	53	75	34
/ 23	.1	2.4	3.1	.5														47	47	53	36
2/ 21	.5	2.5	3.5	.7														55	55	73	33
/ 19		4.9	5.5	.3														81	81	41	42
1 / 17	.1	.9	2.9															30	30	71	44
1 / 15		3.0	2.1															39	39	46	45
/ 13		1.3	1.2															19	19	41	52
1 / 11		1.6	.5															16	16	26	39
10/ 9		2.0	.4															18	18	22	38
/ 7		1.2	.7															14	14	17	37
/ 5		1.2																9	9	14	29
/ 3		.7																5	5	10	43
/ 1		.4																3	3	4	39
/ -1																				2	18
- / -3																					21
-/ -5																					15
-/ -7																					6
-/ -9																					7
-10/-11																					5
-1-/-13																					4

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | FEB MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1 /-15																					4
-1 /-17																					4
-1 /-19																					4
TOTAL	5.1	44.0	39.4	8.9	2.1	.5													762		762
																		762		762	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3477597	49963	65.6	16.277	762							
Dry Bulb	573262	19648	25.8	9.358	762		64.6					84
Wet Bulb	469917	17593	23.1	9.151	762	.2	70.7					84
Dew Point	297784	11596	15.2	12.626	762	9.7	77.2					84

USAFETAC FORM AS 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72c395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | FEB MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 47				.1														1	1		
4 / 45			.1															1	1		
44/ 43	.3		.3															4	4	2	2
42/ 41	.1	.1	.5	.1														7	7	4	1
4 / 39	.5	.4	.5															11	11	7	4
3c/ 37	.4	2.5	1.3	.1														33	33	14	7
3 / 35	.7	3.3	.8	.4	.1													40	40	33	13
3 / 33	.7	3.4	2.5	.1														51	51	37	28
32/ 31	.3	3.8	1.3	.3														43	43	42	30
3 / 29	.5	3.4	1.3	.5														44	44	53	33
2 / 27	.5	5.4	1.7	1.1	.1													67	67	40	37
/ 25		1.8	2.5	.3														35	35	53	35
2 / 23		3.6	1.7	.1														41	41	41	32
2/ 21	1.3	3.8	2.6	.1														60	60	63	27
20/ 19	1.2	5.7	3.6	.1														80	80	56	50
1 / 17	.4	2.9	2.8															46	46	64	33
/ 15	.4	3.7	1.3															41	41	48	46
1 / 13	.1	3.7	.9															36	36	51	39
1 / 11	.1	4.1	.5															36	36	33	50
10/ 9		1.8	.7															19	19	36	40
/ 7	.1	2.9	.3															25	25	25	36
/ 5		.7	.1															6	6	22	25
/ 3		1.3																10	10	6	38
/ 1	.1	1.7																14	14	14	33
/ -1	.3	.1																3	3	9	20
- / -3		.4																3	3	2	28
-4/ -5		.3																2	2	3	16
-6/ -7																				1	18
-8/ -9	.1																	1	1	1	16
-10/-11																					6
-14/-15																					4
-16/-17																					3
-18/-19																					4
-20/-21																					3

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB, MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2/-23																					3
TOTAL	9	260	827	4	3													760		760	760
																		760		760	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3896720	53130	69.9	15.507	760							
Dry Bulb	468972	17338	22.8	9.836	760	1.0	67.6					84
Wet Bulb	400672	15812	20.8	9.719	760	1.8	73.3					84
Dew Point	277405	10647	14.0	12.999	760	13.4	77.9					84

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 47 / 43	.4																	3	3	3	3
42 / 41			.1															1	1		
40 / 39	.1	.1	.4															5	5	1	1
38 / 37	.5	2.1	.5															24	24	12	2
36 / 35	.8	3.9	.7	.1														42	42	25	12
34 / 33	.7	3.0	.8															34	34	37	25
32 / 31		5.1	1.8															53	53	31	32
30 / 29	.8	4.5	1.6															52	52	54	36
28 / 27	.9	3.1	1.0	.3														41	41	54	25
26 / 25	.1	4.1	1.8	.4														49	49	40	42
24 / 23		1.4	1.7															24	24	37	25
22 / 21	.3	4.7	2.1	.1														55	55	44	39
20 / 19	1.3	6.8	.7															67	67	58	29
18 / 17	.5	3.8	.3															35	35	62	35
16 / 15	.7	5.0	1.4															54	54	40	36
14 / 13	.5	3.4	.4															33	33	51	41
12 / 11		5.9	.9															52	52	24	62
10 / 9	.1	3.0	.1															25	25	52	42
8 / 7	.8	3.3																31	31	34	45
6 / 5	.1	2.2																18	18	28	17
4 / 3	.3	2.8																23	23	27	36
2 / 1		2.2																17	17	14	32
0 / -1	.9	.3																9	9	17	18
-2 / -3	.1	.5																5	5	6	21
-4 / -5	.5																	4	4	5	28
-6 / -7	.1																	1	1	1	29
-8 / -9	.3																	2	2	2	11
-10/-11																					6
-12 /-13																					8
-14/-15	.1																	1	1	1	4
-16/-17	.1																	1	1	1	6
-18/-19	.1																	1	1	1	6
-20/-21																					2
-22/-23																					2

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-25																					1
-26/-27																					1
-28/-29																					1
-32/-33																					1
TOTAL	11.3	71.4	16.4	.9													762	762		762	
																			762		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4141113	55115	72.3	14.257	762							
Dry Bulb	405999	15575	20.4	10.732	762	2.6	72.0					84
Wet Bulb	355000	14346	18.8	10.563	762	3.7	75.4					84
Dew Point	261329	9631	12.6	13.544	762	16.0	79.3					84

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | FEB MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
5 / 55					.0	.0												2	2			
54/ 53				.0	.0													2	2			
2/ 51					.0													1	1			
5 / 49				.0		.0												2	2			
4 / 47			.0	.0	.0													5	5	2		
4 / 45		.0	.1	.0														7	7	3		
44/ 43	.2	.1	.2	.1														36	36	19	13	
42/ 41	.3	.3	.3	.1		.0												66	66	39	23	
4 / 39	.3	.5	.4	.1	.0	.0												85	85	56	32	
36/ 37	.5	1.8	.6	.3	.0	.0												201	201	101	60	
3 / 35	.7	2.5	.7	.2	.0													249	249	207	98	
34/ 33	.5	3.2	1.2	.1	.0													307	307	243	152	
2/ 31	.5	4.4	1.6	.6	.1													437	437	314	256	
3 / 29	.7	3.2	2.3	.2	.0													372	372	389	211	
2 / 27	.6	3.4	1.8	.5	.0													386	386	336	251	
26/ 25	.4	3.1	1.9	.2														341	341	393	283	
4/ 23	.2	2.8	1.5	.2														286	286	357	247	
2/ 21	.8	3.4	2.5	.1														419	419	386	234	
2 / 19	.8	5.3	2.0	.1														497	498	384	308	
1 / 17	.4	3.8	1.2															328	329	465	258	
1 / 15	.5	4.6	.9															367	368	380	325	
14/ 13	.7	3.5	.5															285	285	375	358	
1 / 11	.8	3.5	.5															294	294	305	406	
10/ 9	.7	3.2	.2															246	246	298	364	
8/ 7	.7	3.0	.2															234	234	272	343	
6/ 5	.3	1.8	.1															133	134	200	225	
4/ 3	.4	2.1																155	155	155	301	
2/ 1	.3	2.0																141	141	148	284	
0/ -1	.2	.3																64	64	106	200	
-2/ -3	.2	.4																34	34	42	202	
-4/ -5	.3	.2																30	30	29	150	
-6/ -7	.4	.2																24	24	30	140	
-8/ -9	.3																	19	19	21	86	
-10/-11	.1																	8	8	8	50	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) FEB (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1 /-13	.1																	6	6	6	34
-14/-15	.1																	6	6	6	31
-16/-17	.1																	5	5	5	39
-18/-19	.1																	5	5	5	50
- 0/-21	.1																	4	4	4	23
- 2/-23	.1																	1	1	1	18
-24/-25																					17
-26/-27																					5
-28/-29																					3
-32/-33																					4
-34/-35																					4
-36/-37																					2
TOTAL	13.9	62.4	20.3	2.8	.4	.1												6090	6094	6090	6090

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	32750979	437473	71.8	14.753	6090							
Dry Bulb	3442937	127919	21.0	11.152	6094	22.7	565.8					672
Wet Bulb	2963660	117144	19.2	10.801	6090	29.0	598.1					672
Dew Point	2110253	78703	12.9	13.386	6090	116.7	630.3					672

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 57			.2															2	2		
5[illegible] / 55			.2															2	2		
4[illegible] / 53			.2															2	2	3	
[illegible]2 / 51		.1	.1															2	2	3	2
5 / 49		1.0	.2															10	10	3	5
[illegible] / 47	.1	.6	.1															7	7	9	4
4[illegible] / 45	.1	1.0	.2		.1													12	12	9	9
[illegible]4 / 43	.2	1.1	.7	.1														18	18	11	10
[illegible]2 / 41	.6	2.3	1.0	.4														35	35	20	16
4 / 39	.8	1.4	.4	.4														25	25	30	19
3[illegible] / 37	.4	2.9	.5															31	31	28	16
[illegible] / 35	.8	4.6	1.2															55	55	37	28
3[illegible] / 33	.8	7.9	2.3															92	92	76	43
[illegible]2 / 31	1.6	8.3	2.9	.2														108	108	82	74
[illegible] / 29	.5	6.0	3.5	.2														85	85	83	53
2[illegible] / 27	1.4	3.6	1.2	.5														56	56	87	65
[illegible] / 25	.6	4.0	.6															43	43	59	66
2[illegible] / 23	.2	1.9	.8															25	25	48	41
2 / 21	.6	3.8	1.6															50	51	34	54
[illegible]1 / 19	.1	4.9	2.5															63	65	35	59
[illegible] / 17	.2	2.9	.7															32	32	62	29
[illegible] / 15		2.5	.2															23	23	37	18
[illegible] / 13		1.8																15	15	25	35
1 / 11	.1	.8	.5															12	12	13	39
[illegible]0 / 9	.1	.8																8	8	11	27
[illegible] / 7		.4																3	3	9	33
[illegible] / 5		.2																2	2	4	20
/ 3	.4	.2																5	5	4	18
/ 1	.1	.7																7	7	3	20
/ -1		.1																1	1	5	6
- / -3		.4																3	3	2	6
-[illegible] / -5																				2	6
-[illegible] / -7																					4
-14/-15																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAR MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1 /-17																					4
-1 /-19																					3
TOTAL	10.	66.	22	1.9	1.8	.1												834	837	834	834

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5153526	64604	77.5	13.380	834							
Dry Bulb	770536	24084	28.8	9.631	837	.4	60.4					93
Wet Bulb	685945	22531	27.0	9.630	834	1.0	67.5					93
Dew Point	541831	18681	22.4	12.171	834	3.5	76.1					93

USAFETAC FORM AS 44 0-26-5 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72695 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAR MONTH

PAGE 1 | 0300-0500 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 55			.1															1	1		
4/ 53		.4																3	3	2	
2/ 51			.2															2	2	2	2
5 / 49		.4																3	3	2	3
9 / 47	.1	1.0																9	9	5	4
4 / 45	.5	.6																9	9	13	9
4/ 43	.4	1.4	.4															18	18	12	13
2/ 41	.4	1.1	.7	.2														20	20	12	10
8 / 39	1.0	.8	.7	.6														26	26	21	17
3 / 37	.8	3.4	.5	.4														42	42	23	10
2 / 35	.7	5.3	.6	.1														56	56	48	20
3 / 33	1.7	7.0	2.0															89	89	72	54
2/ 31	.6	7.4	2.5	.1														89	89	72	66
1 / 29	1.9	6.3	2.5															87	87	92	47
2 / 27	1.1	5.2	2.0															69	69	88	64
1 / 25	1.3	2.9	.4															38	38	67	77
2 / 23	.2	3.2	.4															32	32	41	48
2/ 21	.7	3.5	1.3															46	46	32	54
1 / 19	.8	3.4	1.4															47	47	39	52
1 / 17	.1	3.2	.5															32	33	42	32
1 / 15	.1	3.1	.1															28	30	40	39
1 / 13	.1	2.8	.2															26	26	23	27
1 / 11	.2	1.6																15	15	26	26
/ 9		2.2																18	18	20	30
/ 7		.7																6	6	15	25
/ 5		.1																1	1	3	32
/ 3		.5																4	4	3	21
/ 1	.1	.7																7	7	6	12
/ -1	.5	.1																5	5	6	11
/ -3	.1	.1																2	2	3	5
/ -5	.2	.1																3	3	3	6
/ -7		.1																1	1	1	3
/ -9																					2
/ -11																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | MAR (MONTH)

0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1 /-13																					3
-1 /-15																					3
-1 /-17																					3
-1 /-19																					1
-20/-21																					1
TOTAL	13.9	68.1	16.7	1.4															837		834
																		834		834	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Num.	5313930	65738	78.8	12.602	834							
Dry Bulb	725438	23168	27.7	10.033	837	1.2	62.1					93
Wet Bulb	651243	21775	26.1	9.965	834	1.4	69.4					93
Dew Point	521057	18193	21.8	12.210	834	4.5	77.2					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAR MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 53		.1	.2															3	3	1	1
2/ 51	.2	.2	.1															5	5	2	2
5/ 49	.1	.5			.1													6	6	7	3
1/ 47	.1	1.0																9	9	6	7
4/ 45	.2	1.0																10	10	12	6
4/ 43	.4	.5	.2															9	9	11	13
2/ 41	.5	1.0	.5															16	16	9	11
4/ 39	.8	2.4	.6	.2														34	34	16	11
3/ 37	.8	3.4	1.1	.4														47	47	33	15
4/ 35	.5	5.0	.8	.5														57	57	43	27
3/ 33	1.7	6.4	1.2															77	77	82	48
2/ 31	.7	8.4	1.7	.1														91	91	57	68
0/ 29	1.1	6.8	2.5															87	87	90	47
2/ 27	1.6	4.8	2.2	.1														72	72	88	68
4/ 25	.5	2.9	1.3															39	39	63	67
2/ 23	.6	1.4	1.0															25	25	42	40
2/ 21	.5	3.6	1.2															44	44	35	51
1/ 19	.5	3.7	1.0															43	43	43	42
1/ 17	.1	3.5	.4															33	33	36	40
1/ 15		4.0																33	34	35	37
1/ 13	.1	1.8																16	18	33	34
1/ 11		2.3	.1															20	20	16	32
/ 9	.1	1.4																13	13	21	33
/ 7		1.1																9	9	13	19
/ 5	.1	.5																5	5	8	21
/ 3	.1	.8																8	8	9	28
/ 1	.1	.8																8	8	4	13
/ -1	.5																	4	4	8	7
- / -3		.8																7	7	2	12
-2/ -5	.2	.1																3	3	7	10
-4/ -7																				1	2
-6/ -9	.1																	1	1	1	3
-8/ -11																					2
-10/ -13																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC S

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	Dry B.D.		
-1 /-15																					
-1 /-17																					
-1 /-19																					
T TAL	12.4	70.1	16.1	1.3	.1														837		
																		834		834	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5284370	65584	78.6	12.347	834							
Dry Bulb	720729	22913	27.4	10.575	837	1.7	62.7					93
Wet Bulb	647247	21535	25.8	10.463	834	2.1	68.2					93
Dew Point	518293	17917	21.5	12.654	834	5.6	76.9					93

FORM AA 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
6/ 65						.1												1	1		
/ 59					.1													1	1		
5/ 57		.1		.4	.1													5	5		
5/ 55		.4	.1	.1														5	5	3	
4/ 53		.4	.1		.2	.1												7	7	4	3
2/ 51		.4	.1	.1	.1													6	6	6	2
50/ 49		.8	.2	.4	.1													13	13	7	7
/ 47		.5	.6	.1	.1	.1												12	12	9	7
4/ 45	.1	.5	1.0	.2	.4		.1											19	19	11	9
4/ 43		.4	.6	1.1	.2	.2												21	21	13	7
2/ 41	.1	2.2	1.9	1.2	.5													49	50	15	6
40/ 39	1.8	2.0	1.8	.8	.2													56	56	50	27
3/ 37	.8	2.3	2.3	.7	.1	.1												53	53	49	37
/ 35	.4	4.6	2.2	.5	.1													64	64	58	19
3/ 33	1.3	6.1	3.7	.7														99	99	90	49
2/ 31	.5	5.3	3.2	1.0														83	83	78	81
30/ 29	.6	3.6	4.1	1.0														77	77	82	60
2/ 27	.2	3.6	3.0	.2														59	59	56	72
1/ 25	.6	.8	2.9	.2														38	38	81	44
2/ 23		1.7	1.8	.1														30	31	48	40
2/ 21	.7	1.9	1.4	.1														35	36	38	55
/ 19	.4	3.0	1.3	.2														41	41	37	46
1/ 17		1.0	.4															11	11	27	43
16/ 15		1.4	.7															18	19	24	34
1/ 13		1.2																10	11	14	52
1/ 11		1.0																8	8	14	40
/ 9		.4	.2															5	5	9	18
/ 7		.2																2	2	2	10
/ 5		.2																2	2	4	10
/ 3		.1																1	1	2	19
/ 1		.1																1	1	1	12
/ -1																					11
- / -3																					3
-4/ -5																					4

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 29	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
- / -7																					1
- / -11																					3
-1 / -15																					1
TOTAL	7.6	46.2	33.8	9.3	2.4	.7	.1												837		832
																		832		832	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4564643	60371	72.6	14.882	832							
Dry Bulb	933365	26823	32.0	9.394	837		47.2					93
Wet Bulb	789097	24503	29.5	9.010	832		57.8					93
Dew Point	580380	19826	23.8	11.397	832	2.6	73.7					93

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 69											.1							1	1		
6 / 67								.1	.1									2	2		
6/ 65						.1												1	1		
4/ 63					.1		.1											2	2		
/ 61					.1	.2	.1											4	4		
/ 59		.1	.1	.1		.1	.1											5	5		
/ 57		.1	.2		.4	.2	.1	.2										11	11	2	
5 / 55		.6			.6													10	10	4	1
4/ 53		.2	.1	.7														9	9	9	5
2/ 51		.6	.4	.1		.4												12	12	9	4
/ 49		.6	.6	.1	.4	1.2												22	22	13	8
/ 47		.2	.7	.4	.8	.2	.2	.1										23	23	19	9
/ 45		.4	.5	1.1	.8													23	23	12	1
4/ 43		1.0	1.4	1.2	.7	.4												39	39	14	13
2/ 41	.4	1.0	2.5	1.3	.1													44	44	28	21
0/ 39	.2	1.7	2.5	1.3	1.0													56	56	51	20
/ 37	1.0	2.2	3.5	1.3	1.4													78	78	61	26
/ 35	.7	3.2	3.1	2.0	.2													78	78	62	31
/ 33	1.1	3.5	4.1	1.0	.4													82	82	94	49
2/ 31	.6	3.8	2.4	3.0	.7													88	88	74	81
0/ 29		1.4	2.6	1.9	.4													53	53	84	65
/ 27	.1	2.0	3.4	1.4	.1													59	59	47	62
/ 25	.1	2.0	2.9	.7														48	48	67	50
/ 23		.5	1.8	.2														21	21	71	34
2/ 21	.4	1.1	1.8	.4														30	30	40	48
/ 19		.6	1.6															18	18	29	52
/ 17		.2	.5															6	6	17	42
/ 15		.1	.2															3	3	16	35
/ 13			.2															2	2	5	38
/ 11		.1	.4															4	4		42
/ 9																				4	27
/ 7																				2	25
/ 5																					8
/ 3																					5

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | WURTSMITH AFB, MI (STATION NAME) | 73-81 (YEARS) | MAR (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 1																					17
/ -1																					7
- / -3																					2
- / -5																					1
- / -7																					1
- / -9																					1
- 0/-11																					2
-1 /-13																					1
TOTAL	4.	42	7.3	37.5	18.3	8.3	2.6	.7	.5	.1		.1						834		834	834
																		834	834		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3890896	55128	66.1	17.216	834							
Dry Bulb	1118359	29521	35.4	9.387	834		37.0	.3				93
Wet Bulb	896069	26363	31.6	8.678	834		50.8					93
Dew Point	606581	20355	24.4	11.480	834	1.7	72.0					93

USAFETAC FORM AIR 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI· WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAR MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
·/ 69												.1						1	1		
6 / 67												.1						1	1		
6/ 65				.1							.1							2	2		
4/ 63				.1	.2		.2											5	5		
·/ 61		.2	.1	.2		.2	.1											8	8		
/ 59			.1			.2												3	3	3	
/ 57		.2	.4	.1	.5	.5		.1										15	15	3	2
5 / 55		.5	.1		.5	.5												13	13	7	5
4/ 53			.1	.4	.4													7	7	6	3
2/ 51			.2	.1		.5												7	7	7	6
5 / 49		.6	.7	.1	.5	.2												18	18	8	5
4 / 47		.2	.6	.4	.7	.6	.2											23	23	23	4
4 / 45		.7	.5	.5	.4	.2	.1											20	20	15	3
4/ 43	.2	1.2	.1	1.1	1.0		.1											31	31	17	11
2/ 41	.1	.7	2.0	2.2	1.1	.4												54	55	27	23
40/ 39	.4	1.7	2.4	1.9	.6	.6	.1											64	64	31	25
3 / 37	.5	2.6	4.0	3.0	.7													90	90	54	20
3 / 35	1.4	3.5	3.1	1.6	.5													84	85	81	41
3 / 33	.7	5.4	2.9	1.3	.8	.1												94	95	106	45
2/ 31		3.1	2.6	2.6	1.4													82	82	106	66
30/ 29	.1	.7	3.4	1.7	.2													51	51	58	64
2 / 27		2.2	1.7	1.3	.1													44	44	50	68
2 / 25		2.9	2.6	.8														53	53	77	51
2 / 23	.2	1.0	1.3	.1														22	22	65	44
2/ 21	.1	.7	1.7	.7														27	27	34	58
2 / 19		.2	.7	.1														9	9	30	50
1 / 17																				16	42
1 / 15																				4	38
1 / 13			.4															3	3		36
1 / 11			.4															3	3		21
1 / 9																				4	39
/ 7																				2	24
/ 5																					8
/ 3																					7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS-44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAR MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 1																						7
/ -2																						5
- / -3																						3
-1 / -5																						4
-1 /-11																						2
-1 /-13																						1
-1 -/-15																						3
TOTAL	3.8	28.4	32.1	20.5	9.6	4.1	1.0	.1			.1	.2							837			834
																		834		834		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3843139	54575	65.4	18.066	834							
Dry Bulb	1158415	30175	36.1	9.187	837		32.7	.2				93
Wet Bulb	918229	26767	32.1	8.427	834		49.7					93
Dew Point	616610	20542	24.6	11.525	834	2.0	71.5					93

USAFETAC FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI~ ~EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | ~URTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAR MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 65				.1														1	1		
4/ 63										.1								1	1		
2/ 61				.5														4	4		
1/ 59			.1	.1	.1	.1			.1									5	5	1	
/ 57			.2					.1										3	3	1	
5/ 55		.6	.2	.1	.4	.1												12	12	6	1
4/ 53		.1		.4	.5													8	8	7	5
2/ 51		.5	.2	.1														7	7	5	7
5/ 49		.5	.4	.4	.1													11	11	8	5
3/ 47		.2	.4	.5	.1													10	10	9	6
4 / 45		.1	.4	.4	.2	.2												11	11	13	6
1/ 43	.7	1.6	.4	.4	.1													26	26	18	11
2/ 41	.2	1.3	1.2	.7	.2	.1												32	32	21	12
4 / 39	.4	1.9	2.0	.8		.4												46	46	28	20
3 / 37	.4	3.4	2.0	.8	.6													60	60	38	27
2 / 35	1.1	6.0	2.9	1.4	.4	.1												99	99	71	41
3 / 33	1.0	6.6	4.0	.6	.2	.1												104	105	81	49
2/ 31	.4	5.6	4.4	1.7	.5													105	105	109	53
5 / 29	.4	2.4	3.1	1.3	.1													61	62	88	95
2 / 27	.2	3.5	2.5	.7	.1													59	60	52	52
/ 25		3.5	1.8	.8														51	51	81	56
2 / 23	.4	1.2	1.8	.4														31	31	62	39
2/ 21	.1	1.2	2.8	.2														36	36	30	55
2 / 19	.2	1.4	2.5	.1														36	36	44	54
1 / 17		.1	.2															3	3	32	38
1 / 15			.5															4	4	17	36
1 / 13		.1																1	1	4	27
1 / 11			.1															1	1	1	26
1 / 9			.2															2	2		28
/ 7			.2															2	2	3	20
/ 5		.1																1	1	1	16
/ 3																				2	19
/ 1																					14
/ -1																					5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAR MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
- / -3																					4
-1 / -15																					1
-1 / -17																					2
- / -19																					1
- 0 / -21																					2
TOTAL	.4	2.0	3	4.7	12.6	3.7	1.2		.1	.1	.1							836			833
																		833		833	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4451375	59223	71.1	17.014	833							
Dry Bulb	991013	27849	33.3	8.707	836		43.9					93
Wet Bulb	828811	25315	30.4	8.455	833		58.7					93
Dew Point	604385	20225	24.3	11.671	833	1.7	71.8					93

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72e395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAR MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 59			.1	.1														2	2			
/ 57			.2															2	2			
5 / 55		.1	.1	.1														3	3	2		
4/ 53		.6	.4				.1											9	9	3		
2/ 51		.2	.4	.1														6	6	7	4	
5 / 49		.6	.2			.1												8	8	6	8	
/ 47	.1	.6		.4														9	9	10	6	
4 / 45	.5	1.0	.4		.1													16	16	12	12	
4/ 43	.2	1.1	.8	.1														19	19	11	10	
2/ 41	.2	1.6	1.0	.4														26	26	18	13	
4 / 39	1.6	2.3	1.0	.4														43	43	39	24	
3 / 37	.4	2.2	.4	.2														26	26	31	20	
/ 35	1.3	6.8	1.2															78	78	53	32	
3 / 33	.8	6.1	3.6	.6														93	93	67	56	
2/ 31	1.1	8.8	3.6	.5	.1													117	117	87	58	
3C/ 29	.7	4.6	1.9	1.1														69	69	96	65	
2 / 27	.5	6.5	1.7	.6														77	79	74	65	
/ 25	.2	4.1	1.7	.1														51	52	71	55	
2 / 23		1.7	1.3															22	22	59	54	
2/ 21	.1	1.6	3.0															39	39	32	51	
C/ 19		3.0	3.0															50	50	24	61	
/ 17		2.5	.8															28	28	56	25	
1 / 15		1.6	.5															17	17	32	23	
1 / 13		.6	.4															8	8	19	31	
1 / 11	.1	.1	.1															3	3	9	39	
0/ 9		.5																4	4	5	23	
/ 7		.4																3	3	3	29	
/ 5																				2	14	
/ 3		.2																2	2		23	
/ 1		.2																2	2	2	16	
/ -1		.1																1	1	2	5	
/ -3		.1																1	1	2	1	
/ -5																					3	
/ -7																					1	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 88 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS-64 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | aURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | MAR (MONTH)

2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
- / -9																					1
- / -17																					3
- / -19																					2
2/-23																					1
TOTAL	7.9	59.6	27.3	4.7	.2	.1	.1											834	837	834	834

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4982768	63300	75.9	14.632	834							
Dry Bulb	857849	25713	30.7	9.015	837	.2	55.2					93
Wet Bulb	752128	23880	28.6	9.060	834	.4	64.1					93
Dew Point	584198	19742	23.7	11.845	834	1.9	72.4					93

FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 69											.0	.0						2	2		
6 / 67								.0	.0			.0						3	3		
6/ 65				.0		.0					.0							5	5		
4/ 63				.0	.0		.0			.0								8	8		
/ 61		.0	.0	.1	.0	.1	.0											16	16		
/ 59		.0	.1	.0	.0	.1	.0		.0									16	16	4	
/ 57		.1	.2	.1	.1	.1	.0	.1										38	38	6	2
5 / 55		.3	.1	.0	.2	.1												46	46	22	7
4/ 53		.2	.1	.2	.1	.0	.0											48	48	35	17
4/ 51	.0	.3	.2	.1	.0	.1												47	47	41	29
5 / 49	.0	.6	.3	.1	.1	.2												91	91	54	44
/ 47	.1	.5	.3	.2	.2	.1	.1	.0										102	102	90	47
4 / 45	.2	.6	.4	.3	.3	.1	.0											120	120	97	55
4/ 43	.3	1.0	.6	.5	.3	.1	.0											181	181	107	88
2/ 41	.3	1.4	1.3	.8	.2	.1												276	278	150	112
40/ 39	.9	1.8	1.4	.8	.2	.1	.0											350	350	266	163
3 / 37	.6	2.8	1.8	.9	.4	.0												427	427	317	171
3 / 35	.9	4.9	1.9	.8	.1	.0												571	572	453	239
3 / 33	1.1	6.1	3.0	.5	.2	.0												730	732	668	393
2/ 31	.7	6.3	2.9	1.2	.3													763	763	665	547
0/ 29	.7	3.9	3.0	.9	.1													570	571	673	496
2 / 27	.6	3.9	2.2	.6	.0													495	498	542	516
2 / 25	.4	2.9	1.8	.3														361	362	566	466
24/ 23	.2	1.6	1.2	.1														208	209	436	340
2/ 21	.4	2.2	1.8	.2														307	309	275	426
/ 19	.3	2.5	1.8	.1														307	309	281	416
1 / 17	.1	1.7	.4															145	146	288	291
16/ 15	.1	1.6	.3															126	130	205	260
1 / 13	.0	1.0	.1															81	84	123	280
1 / 11	.1	.7	.2															66	66	79	265
1 / 9	.0	.7	.1															50	50	74	225
/ 7		.3	.0															25	25	49	185
/ 5	.0	.1																11	11	22	129
4/ 3	.1	.2																20	20	20	140

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 1	•	.3																25	25	16	111
/ -1	.1	.0																11	11	21	57
- / -3	.0	.2																13	13	9	36
- / -5	.1	.0																6	6	12	34
- / -7		.0																1	1	2	12
- / -9	.0																	1	1	1	7
- 0/-11																					11
-1 /-13																					6
-1 /-15																					16
-1 /-17																					18
- /-19																					8
- /-21																					3
- 2/-23																					1
TOTAL	.2	51.0	27.5	8.7	3.1	1.1	.2	.1	.0	.0	.0	.0							6692		6669
																		6669		6669	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	37484647	488523	73.3	15.962	6669							
Dry Bulb	7275704	210246	31.4	10.009	6692	3.6	401.4	.6				744
Wet Bulb	6168769	192669	28.9	9.506	6669	5.0	486.3					744
Dew Point	4573335	155481	23.3	11.926	6669	23.3	591.5					744

USAFETAC FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | APR MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
5 / 67								.1										1	1		
6 / 65		.1	.3	.1														4	4		
4 / 63		.1	.1	.8		.1	.1											10	10	3	
/ 61		1.0	.3		.1													11	11	1	3
/ 59		.6	.1	.3	.3													10	10	16	2
/ 57	.1	.8			.1													8	8	10	16
5 / 55	.1	.6			.1	.1												8	8	10	10
4 / 53		.8	.1	.4														10	10	8	6
2 / 51		.3	.4	.3	1.0													15	15	8	6
5 / 49	.3	.5	.3	.1	.5													13	13	10	11
4 / 47	.3	1.3	1.1	.5	.3													27	27	12	9
4 / 45	.4	.5	.9	1.1	.4	.3												28	28	15	13
4 / 43	.8	2.8	1.7	.5	.4	.3												45	45	43	17
2 / 41	.5	3.3	2.3	1.9	.3													65	65	38	25
4 / 39	1.4	2.6	4.5	1.4	.1													80	80	48	33
3 / 37	1.9	3.4	2.7	1.5	.3													72	72	78	48
2 / 35	.4	3.3	3.7	.8														59	59	70	46
3 / 33	1.6	3.1	4.4	1.9	.1													89	89	78	62
/ 31	.1	4.0	3.9	1.3														74	74	69	66
/ 29	.6	1.8	3.4	.3														48	48	80	50
2 / 27		2.5	2.8															42	42	52	56
/ 25	.1	2.0	1.6	.1														31	31	55	53
2 / 23	.3	2.1	.8															25	25	45	36
2 / 21	.1	.8	.4															10	10	25	48
/ 19		1.3																10	10	12	66
/ 17																				9	31
1 / 15																					36
/ 13																					26
1 / 11																					6
/ 9																					10
/ 7																					4
TOTAL	8.9	39.5	33.6	13.1	3.9	.8	.1	.1										795	795	795	795

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4598731	59375	74.7	14.384	795							
Dry Bulb	1195807	29923	37.6	9.358	795		27.2	.1				90
Wet Bulb	1026995	27643	34.8	9.105	795		39.3					90
Dew Point	807567	23793	29.9	10.966	795		55.2					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | APR (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 6/ 65			.1															1	1		
[illegible] 4/ 63				.3														2	2		
[illegible] 7/ 61		.5	.1	.1														6	6	1	
[illegible] / 59		.5	.4	.5	.1													12	12	8	2
[illegible] / 57		1.1	.3	.1	.1													13	13	6	6
5[illegible] / 55		.8	.4	.1	.1													11	11	14	7
[illegible]4/ 53		1.0		.4														11	11	14	15
[illegible]2/ 51		.6	.1	.1	.5	.1												12	12	10	10
5 / 49	.5	1.0	.5	.1	.6													22	22	14	18
[illegible] / 47		.8	.9	.6	.3													20	20	9	5
[illegible]/ 45	.4	.9	.8	.5	.1													21	21	18	12
[illegible]4/ 43	.6	1.6	1.4	1.5	.1	.3												[illegible]	44	24	18
[illegible]2/ 41	.6	3.5	1.0	1.3	.1													52	52	42	28
40/ 39	1.8	2.1	2.8	.5	.1													58	58	66	29
3[illegible]/ 37	1.1	3.1	3.6	.8														69	69	41	35
[illegible]/ 35	1.0	4.4	2.5	.9														70	70	63	38
3[illegible]/ 33	1.4	3.8	2.6	1.4														73	73	90	61
[illegible]2/ 31	.4	6.5	5.2	1.6														109	109	55	68
[illegible]0/ 29	.6	2.5	3.4															52	52	91	59
2[illegible]/ 27		2.8	2.1															39	39	62	55
2[illegible]/ 25		2.4	1.9															34	34	61	48
2[illegible]/ 23		2.3	.8															24	24	37	39
[illegible]2/ 21	.5	1.4	.5															19	19	31	49
[illegible]0/ 19	.3	1.3	.6															17	17	21	64
1[illegible]/ 17	.1	.1	.1															3	3	10	43
1[illegible]/ 15		.1																1	1	6	40
1[illegible]/ 13																				1	23
1 / 11																					4
10/ 9																					7
[illegible]/ 7																					6
[illegible]/ 5																					3
/ 3																					1
/ 1																					1
/ -1																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	9.3	45.2	32.1	10.8	2.3	.4												795	795	795	795

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4763911	60577	76.2	13.657	795							
Dry Bulb	1125246	28990	36.5	9.262	795		33.7					90
Wet Bulb	979430	26954	33.9	9.088	795		42.5					90
Dew Point	779192	23332	29.3	10.906	795	.1	57.8					90

USAFETAC FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | APR MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≥ 64 / 63		.5		.4	.1													8	8		
62 / 61		1.0	.3			.1												11	11	6	1
60 / 59		.4	.4	.1														7	7	8	8
58 / 57		.6	.4	.1	.4													12	12	7	7
56 / 55		.5	.3			.1												7	7	11	4
54 / 53	.1	.8	.3	.8														15	15	9	12
52 / 51		.5	.1	.1	.4	.1												10	10	11	8
50 / 49	.1	.8	.5	.3	.1		.1											15	15	8	10
48 / 47		1.6	1.3	.8	.4													32	32	13	10
46 / 45	.4	.3	1.6	1.0	.6	.1												32	32	25	17
44 / 43	.6	2.6	2.4	1.0	.8	.1												60	60	31	17
42 / 41	.8	2.1	2.3	1.8	.5													59	59	48	24
40 / 39	1.3	2.3	3.5	1.5	.1													69	69	56	42
38 / 37	1.0	3.9	2.9	1.0														70	70	64	32
36 / 35	.8	4.3	2.4	.6	.3													66	66	77	46
34 / 33	1.4	3.5	3.9	1.0														78	78	93	65
32 / 31	.4	4.7	5.9	1.0														95	95	54	64
30 / 29	.4	1.9	1.5	.3														32	32	84	67
28 / 27		2.0	2.8	.3														40	40	64	51
26 / 25		1.8	1.5															26	26	35	59
24 / 23		1.0	1.0															16	16	36	42
22 / 21	.1	1.4	.8															18	18	24	52
20 / 19	.5	.9																11	11	19	47
18 / 17		.3	.4															5	5	6	30
16 / 15		.1																1	1	3	37
14 / 13																				3	14
12 / 11																					14
10 / 9																					10
8 / 7																					2
6 / 5																					1
4 / -1																					1
2 / -3																					1
TOTAL	7.8	39.6	36.2	11.9	3.6	.6	.1											795	795	795	795

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4624442	59584	74.9	14.138	795							
Dry Bulb	1190393	29881	37.6	9.205	795		27.6					90
Wet Bulb	1023121	27615	34.7	8.970	795		37.1					90
Dew Point	807486	23838	30.0	10.805	795	.2	55.7					90

FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | APR MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7-/ 77							.1		.1		.1							3	3		
76/ 75							.1	.1										2	2		
74/ 73						.1												1	1		
72/ 71					.4	.4	.1	.3		.1								10	10		
7 / 69			.1	.1	.1	.3	.3		.1									8	8		
6 / 67		.1	.1		.3	.1	.3	.4		.3								12	12	1	
66/ 65		.4	.1		.1		.3			.1								8	8	4	2
64/ 63		.3	.1		.3	.4	.3											10	10	11	2
62/ 61	.1	.5		.3	.4		.1	.3	.1	.1								15	15	9	5
6 / 59		.5		.6	.3	.1	.1	.3	.3									17	18	11	5
5 / 57		.1	.4	.3	.5	.6	.6	.1	.1									22	22	8	13
5 / 55		.3	.1	.5	.4	.1	.5	.1	.1									17	17	12	6
54/ 53			.4	.3	1.3	1.4	.9	.1	.1									35	35	20	4
52/ 51		.5	.5	.3	1.3	1.5	.8	.1	.1									40	40	7	7
50/ 49		.4	.8	1.3	1.8	1.8	.6	.3										54	54	21	20
48/ 47	.1	1.3	.5	1.4	2.6	1.0	.1	.1										57	57	21	10
46 / 45	.6	1.0	.9	2.5	1.5	.3	.1											55	55	48	22
44/ 43		1.9	1.9	1.6	1.1	.3												54	54	59	18
42/ 41	.9	1.0	2.1	2.9	.9	.3	.1											65	65	81	40
4 / 39	.4	1.1	1.6	1.8	1.3	.5	.1											54	54	79	27
3 / 37	.3	2.6	2.0	1.4	.9	.1												58	58	83	29
34/ 35	1.1	2.1	1.0	2.6	.8	.1												62	62	60	66
34/ 33	.6	1.4	2.3	2.0	.1													51	51	70	51
32/ 31	.1	1.1	1.4	1.9	.3													38	38	47	95
3 / 29		.4	1.3	.5														17	17	54	54
28/ 27		.4	1.3															13	13	38	59
26/ 25		.1	.8	.1														8	8	20	47
24/ 23		.1	.3															3	3	18	37
22/ 21			.1															1	1	7	35
2 / 19		.1	.1															2	2		37
1 / 17			.1															1	1	2	23
16/ 15																				2	28
14/ 13																					18
1 / 11																					15

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 9																					9
7 / 7																					2
5 / 5																					5
3 / 3																					2
TOTAL	4.3	17.8	20.3	22.3	16.4	9.3	5.5	2.1	1.1	.6	.1							793	794	793	793

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3349028	49316	62.2	18.873	793							
Dry Bulb	1665296	35380	44.6	10.582	794		9.4	4.1	.7			90
Wet Bulb	1272613	30937	39.0	9.107	793		21.3	.1				90
Dew Point	873420	24750	31.2	11.29	793		52.9					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

 1200-1800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
87/ 85											.1								1	1		
84/ 83									.1			.1							2	2		
82/ 81												.1							1	1		
80/ 79						.1	.1	.3	.3		.1								7	7		
78/ 77						.3		.4	.1										6	6		
76/ 75							.1	.1											2	2		
74/ 73					.3	.3	.1	.1	.1		.4								10	10		
72/ 71					.3	.1	.1	.1		.3	.1	.1							9	9		
70/ 69				.1	.1	.1	.1		.3	.4	.1								10	10	2	
68/ 67			.1		.1	.4		.3	.4										10	10	5	
66/ 65			.4	.1	.3	.1			.1		.1								9	9	6	
64/ 63		.1	.1	.3	.4	.1	.3	.4	.3	.1									16	16	12	4
62/ 61		.3		.4	.3	.5	.1	1.0		.1									21	21	9	6
60/ 59			.1	.5		.4	.3	.5	.3										16	16	10	4
58/ 57		.3	.1		.4	1.0	.8	.6	.5										29	29	10	9
56/ 55		.4	.3		.3	.8	1.4	.6	.4										32	32	11	8
54/ 53		.6	.1	.4	1.4	1.5	.6	.1	.1										39	40	19	10
52/ 51	.1	.1	.1	1.3	2.4	1.3	1.1												51	51	25	15
50/ 49	.1	1.6	1.1	1.8	2.4	1.5	.8												74	74	24	17
48/ 47		.9	1.0	1.5	1.9	.5	.1	.1											48	48	40	18
46/ 45	.4	1.1	1.1	2.0	1.1	.5	.5												54	54	57	11
44/ 43	.1	1.4	.5	1.9	1.5	.5	.3												49	49	88	26
42/ 41	.5	.8	1.8	1.8	1.4	.8	.1												56	56	77	35
40/ 39	.5	1.6	1.6	1.5	1.1	.1													52	52	62	33
38/ 37	.6	2.0	1.3	2.5	.6														56	56	73	43
36/ 35	.5	1.4	1.8	2.0	1.0														53	53	58	71
34/ 33		1.1	1.0	1.0	.1														26	26	60	62
32/ 31	.4	1.0	.9	1.3	.4														31	31	58	99
30/ 29		.5	.6	.1															10	10	33	42
28/ 27		.4	.9	.1															11	11	28	85
26/ 25				.1															1	1	14	41
24/ 23			.1																1	1	10	31
22/ 21																					1	47
20/ 19																					1	41

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AS 24 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1[illegible]/ 17																					17
1[illegible]/ 15																					24
1[illegible]/ 13																					16
1[illegible]/ 11																					3
[illegible]/ 9																					5
[illegible]/ 7																					6
[illegible]/ 5																					4
TOTAL	3.3	15.6	15.1	20.7	17.7	10.8	6.9	4.7	2.9	.9	1.0	.4							794		793
																		793		793	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3063117	46727	58.9	19.777	793							
Dry Bulb	1891043	37685	47.5	13.365	794		6.1	6.6	3.3	.8		90
Wet Bulb	1391867	32431	40.9	9.098	793		16.5	.8				90
Dew Point	924416	25610	32.3	11.086	793		47.8					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85											.1							1	1		
82/ 81										.1	.3	.1						4	4		
80/ 79						.3			.5									6	6		
78/ 77						.1	.4	.4	.1			.3						10	10		
76/ 75						.3		.3			.1							5	5		
74/ 73					.1	.4				.1								5	5		
72/ 71							.3			.5								6	6		
70/ 69					.1	.3		.1	.4	.1	.4							11	11	3	
68/ 67				.1	.3		.1	.1	.4	.3								10	10		
66/ 65		.1	.3	.4		.1	.1	.3	.5	.1	.3							17	17	13	1
64/ 63		.3		.4		.1	.3	.5	.6									17	17	7	2
62/ 61				.3	.4	.3	.1	.5	.3									14	14	12	3
60/ 59		.3	.3	.4		.6	.5	.3	.1									19	19	9	7
58/ 57		.4	.1	.1	.3	1.1	.4	.1	1.1									29	29	8	9
56/ 55		.4	.4	.1	.4	1.5	.6	.5	.5									35	35	14	12
54/ 53	.1	.3	.1	.5	.6	1.1	.9	.4										32	32	20	12
52/ 51		.4	1.0	.4	1.0	1.9	.6	.3	.4									47	47	20	11
50/ 49		.8	.3	1.3	2.3	1.1	.6											50	50	28	13
48/ 47	.3	1.3	.6	2.3	1.3	1.3	.3											57	57	47	12
46/ 45	.5	1.6	.8	1.9	2.3	1.0	.3											66	66	43	22
44/ 43		.9	1.4	1.9	1.4	.4												47	47	61	22
42/ 41	.5	1.1	2.3	.8	1.8	1.0												59	59	95	30
40/ 39	.9	2.3	1.5	1.5	.9													56	56	78	31
38/ 37	.3	2.1	.8	2.9	1.5													60	60	73	49
36/ 35	.9	1.1	1.0	1.8	1.0	.1												47	47	59	68
34/ 33		1.8	.8	1.4	.3	.1												34	34	50	73
32/ 31	.4	.8	1.3	1.8														33	33	59	80
30/ 29		.3	.6	.1														8	8	37	43
28/ 27		.5	.8															10	10	32	44
26/ 25																				21	38
24/ 23																				6	36
22/ 21																					37
20/ 19																					55
18/ 17																					30

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80 Jul PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | APR MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1 / 15																					30
1 / 13																					16
1 / 11																					1
/ 9																					2
/ 5																					5
/ 1																					1
TOTAL	3.8	16.5	14.1	20.1	15.7	13.1	5.4	3.6	4.9	1.3	1.1	.4						795	795	795	795

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3076739	46705	58.7	20.476	795							
Dry Bulb	1893593	37707	47.4	11.507	795		5.8	6.6	3.5	1.0		90
Wet Bulb	1387623	32419	40.8	9.091	795		17.5	.3				90
Dew Point	913439	25473	32.0	11.067	795		47.3					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 79									.1		.1							2	2		
7[illegible] / 77									.1	.1								2	2		
76 / 75							.3	.4										5	5		
74 / 73				.1		.1	.3		.1									5	5		
[illegible] / 71				.1		.4	.4											7	7		
[illegible] / 69			.1		.1			.1		.1								4	4		
6 / 67				.1	.1	.1			.3	.1								6	6	1	
66 / 65			.3		.3		.1	.3	.1	.1								9	9	2	
4 / 63		.3	.1		.1		.1	.1	.1	.1								8	8	6	3
62 / 61		.6	.1		.3	.1	.1		.1	.1								12	12	15	1
[illegible] / 59			.3			.5	.3	.4										11	11	11	5
[illegible] / 57	.4	.3	.8	.3	.4	.1	.4	.3	.4									25	25	9	11
5[illegible] / 55			.3		.4	.9	.6	.4	.3									22	22	8	6
[illegible]4 / 53	.1	.6	.1	.6	.8	.5	.3	.5										28	28	11	11
[illegible]2 / 51		.6	1.0	.4	.6	.6	1.0		.1									35	35	16	14
5[illegible] / 49	.3	.6	.4	.3	.8	1.9	.6	.3										40	40	19	15
4[illegible] / 47	.3	1.1	.8	1.3	1.4	1.4												49	49	30	7
4[illegible] / 45	.5	2.4	1.5	2.0	1.9	.6												71	71	45	24
44 / 43	.3	1.8	1.3	2.5	1.1	.4	.1											59	59	45	30
42 / 41	.6	2.1	2.9	3.3	1.1	.1												81	81	73	28
4 / 39	.9	1.1	2.4	2.1	1.1	.1												62	62	88	39
3[illegible] / 37	.5	2.1	2.0	1.6	1.0													58	58	86	33
3[illegible] / 35	.8	3.0	.6	2.4	1.0													62	62	78	55
34 / 33	.5	1.9	1.6	1.8	.5													50	50	69	64
32 / 31	.4	.8	1.9	2.0	.3													42	42	46	73
3 / 29	.1	.4	1.1	.9														20	20	50	53
2[illegible] / 27	.1	.3	1.3															13	13	38	50
26 / 25		.3	.6															7	7	35	53
24 / 23																				11	34
[illegible]2 / 21																				3	38
[illegible] / 19																					54
18 / 17																					27
16 / 15																					18
14 / 13																					28

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AF 64 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 11																					13
/ 9																					4
/ 5																					2
/ 3																					2
TOTAL	5.7	20.3	21.4	21.8	13.2	7.9	4.5	2.6	1.8	.8	.1							795	795	795	795

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3562422	50754	63.8	20.145	795							
Dry Bulb	1632633	35099	44.1	10.226	795		9.3	3.5	1.6			90
Wet Bulb	1261601	30897	38.9	8.752	795		20.7	.1				90
Dew Point	880896	24938	31.4	11.142	795		50.8					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) APR (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73									.1									1	1		
72/ 71									.1									1	1		
70/ 69					.3	.4		.1										6	6		
68/ 67		.1			.3		.1											4	4		
66/ 65		.1	.1	.4	.1	.3	.1											9	9	1	
64/ 63			.3			.1												3	3	1	1
62/ 61	.1	.6	.1	.3			.3											11	11	6	2
60/ 59	.1	.5	.1			.1	.1											8	8	17	4
58/ 57	.1	.3	.3			.1												6	6	6	12
56/ 55		.5	.1		.3	.1	.1											9	9	10	10
54/ 53		.6	.3		.5	.9												18	18	9	4
52/ 51	.1	.8		.5	.6													16	16	9	12
50/ 49	.5	.4	.4	.6	.3	.4	.1											21	21	14	12
48/ 47	.6	.9	.4	.6	.5	.4												27	27	13	13
46/ 45	.6	2.1	1.4	1.4	.9	.5												55	55	28	9
44/ 43	.3	2.5	2.1	2.3	.8	.5												67	67	41	24
42/ 41	.6	2.1	3.3	2.0	.9	.1												72	72	49	29
40/ 39	1.6	2.4	3.0	1.5	.4	.4												74	74	67	38
38/ 37	.9	3.5	2.5	2.1														72	72	91	40
36/ 35	.9	3.3	3.7	1.1	.1													72	72	76	49
34/ 33	.9	3.2	2.5	1.5	.1													65	65	75	63
32/ 31	.4	1.8	2.9	2.8	.1													63	63	76	95
30/ 29	.1	1.0	3.7	.4														41	41	42	41
28/ 27	.1	1.5	2.3	.4														34	34	50	51
26/ 25	.1	1.6	.9															21	21	59	48
24/ 23		.4	.8															9	9	30	35
22/ 21		.4	.5															7	7	11	48
20/ 19																				9	55
18/ 17																				2	22
16/ 15																					28
14/ 13																					24
12/ 11																					10
10/ 9																					9
8/ 7																					1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | APR MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 5																					2
/ 5																					1
TOTAL	8.2	30.7	31.6	17.9	6.1	4.3	.9	.1	.3									792	792	792	792

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	4296383	56815	71.7	16.704	792							
Dry Bulb	1322080	31490	39.8	9.410	792		19.9	1.4	.1			90
Wet Bulb	1102108	28702	36.2	8.650	792		31.7					90
Dew Point	842312	24342	30.7	10.911	792		53.4					90

USAFETAC FORM 0-26-5 (OL A) REVISED AND PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
6/ 85											.0							2	2		
4/ 83									.0			.0						2	2		
/ 81										.0	.0	.0						5	5		
/ 79						.0	.0	.0	.1		.0							15	15		
7 / 77						.0	.1	.1	.1	.0	.0	.0						21	21		
6/ 75						.0	.1	.1			.0							14	14		
4/ 73				.0	.0	.1	.0	.0	.0	.0	.0							22	22		
/ 71				.0	.1	.1	.1	.0	.0	.1	.0	.0						33	33		
/ 69			.0	.0	.1	.1	.0	.0	.1	.1	.1							39	39	5	
6/ 67		.0	.0	.0	.1	.1	.1	.1	.1	.1								43	43	7	
6/ 65		.1	.2	.1	.1	.1	.1	.1	.1	.0	.0							57	57	26	3
4/ 63		.2	.1	.3	.1	.1	.1	.1	.1	.0								74	74	40	12
/ 61	.0	.6	.1	.2	.2	.1	.1	.2	.1	.0								101	101	59	21
/ 59	.2	.3	.2	.3	.1	.2	.2	.2	.1									100	101	90	37
/ 57	.1	.5	.3	.1	.3	.4	.3	.1	.3									144	144	64	83
5/ 55	.0	.4	.2	.1	.2	.5	.4	.2	.2									141	141	90	63
4/ 53	.0	.6	.2	.4	.6	.7	.3	.1	.0									188	189	110	74
2/ 51	.1	.5	.4	.4	1.0	.7	.4	.0	.1									226	226	106	83
5/ 49	.2	.8	5	.7	1.1	.8	.4	.1										289	289	138	116
1/ 47	.2	1.1	.8	1.1	1.1	.6	.1	.0										317	317	185	84
4/ 45	.5	1.2	1.1	1.6	1.1	.4	.1											382	382	279	130
4/ 43	.3	1.9	1.5	1.7	.9	.3	.0											425	425	392	172
2/ 41	.6	2.0	2.2	2.0	.9	.3	.0											509	509	503	239
4 / 39	1.1	2.1	2.6	1.5	.6	.1	.0											505	505	549	272
3/ 37	.8	2.9	2.1	1.7	.5	.0												515	515	589	309
3/ 35	.8	2.9	2.0	1.5	.5	.0												491	491	541	439
3/ 33	.8	2.5	2.4	1.5	.2	.0												466	466	585	501
/ 31	.3	2.6	2.9	1.7	.1													485	485	464	640
/ 29	.2	1.1	2.0	.3														228	228	471	409
/ 27	.1	1.3	1.8	.1														202	202	364	411
/ 25	.1	1.0	.9	.0														128	128	300	387
2/ 23	.2	.7	.5															78	78	193	290
2/ 21	.1	.5	.3															55	55	102	354
/ 19	.1	.4	.1															40	40	62	419

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AM 64
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 17	.0	.0	.1															9	9	29	223
1 / 15		.0																2	2	11	241
/ 13																				4	165
1 / 11																					66
/ 9																					56
/ 7																					19
/ 5																					23
/ 3																					6
/ 1																					3
/ -1																					2
- / -3																					1
TOTAL	6.4	28.1	25.5	17.3	9.9	5.9	2.9	1.7	1.4	.4	.3	.1							6355		6353
																		6353		6353	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	31334773	429853	67.7	18.822	6353							
Dry Bulb	11916091	266155	41.9	11.003	6355		139.0	22.2	9.2	1.8		720
Wet Bulb	9445358	237598	37.4	9.384	6353		226.7	1.4				720
Dew Point	6828674	196076	30.9	11.061	6353	.3	421.0					720

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

 0000-0200 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73				.4		.5												7	7		
72/ 71						.2												2	2		
70/ 69			.1	.1	.7													8	8		
68/ 67		.2	.1	.2	.1													6	6	3	
66/ 65		.4	1.0	.5	.2		.1	.1										19	19	4	4
64/ 63		.9	.5	1.1	.2	.2	.1	.1										26	26	13	5
62/ 61	.4	.6	.5	.4	.2	.5		.2										23	23	26	11
60/ 59	.2	.9	.9	.5	.6	.1	.4											29	29	18	16
58/ 57	.2	.6	1.6	.5	.2	.2	.5											32	32	27	25
56/ 55	.7	1.8	1.2	.5	1.1	.4												47	47	23	27
54/ 53	.9	.7	1.3	.6	.5	.2												35	35	43	31
52/ 51	.7	1.3	2.1	.9	1.1	.9												57	57	37	26
50/ 49	.4	2.6	2.4	.9	.4	.1												55	55	43	30
48/ 47	.4	3.3	1.8	1.7	.5													63	63	68	47
46/ 45	.2	3.8	2.7	1.0	.2													65	65	61	39
44/ 43	.4	3.2	3.2	1.8														70	70	67	45
42/ 41	.5	3.2	2.7	2.0	.6	.1												74	74	76	64
40/ 39	.2	3.4	2.7	.5	.1													57	57	69	66
38/ 37	.5	1.6	1.2	.7	.1													34	34	71	50
36/ 35	.6	3.2	1.7	.5	.1													50	50	48	75
34/ 33	.4	1.0	2.3	.1														31	31	45	50
32/ 31	.1	1.0	1.1	.4														21	21	33	66
30/ 29	.1	.5																5	5	29	44
28/ 27																				10	29
26/ 25		.2																2	2	3	18
24/ 23																				1	15
22/ 21																					17
20/ 19																					11
18/ 17																					2
16/ 15																					5
TOTAL	7.0	34.4	31.2	15.2	7.2	3.5	1.1	.5										818		818	818
																		818		818	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4958450	62492	76.4	15.020	818							
Dry Bulb	1924621	38903	47.6	9.546	818		3.2	2.6	.8			93
Wet Bulb	1655001	36059	44.1	8.951	818		8.6	.3				93
Dew Point	1396495	32731	40.0	10.308	818		23.5					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAY MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73						.1												1	1		
72/ 71			.1	.1		.1												3	3		
70/ 69			.1		.4													4	4		
68/ 67				.4	.5													7	7	3	
66/ 65		.1		.1														2	2		1
64/ 63	.4	.7	.5	.7	.4	.4	.1											26	26	6	7
62/ 61	.1	1.2	.6	1.0	.2	.2												28	28	19	4
60/ 59	.1	1.7	1.3	.2	.4	.1	.2											34	34	17	12
58/ 57		.2	1.3		.4	.2	.2											20	20	27	25
56/ 55	.5	1.6	1.2	.6	.4	.4	.1											39	39	32	24
54/ 53	.9	1.2	1.7			.1												32	32	33	33
52/ 51	.5	1.7	1.3	.4	.7	.1												39	39	30	26
50/ 49	1.1	2.0	1.7	1.3	.5	.1												55	55	56	35
48/ 47	.6	3.3	2.8	1.5	.2													69	69	40	39
46/ 45	.7	3.9	1.8	2.2	.5													75	75	61	44
44/ 43	.6	3.9	1.8	.6														57	57	82	46
42/ 41	.4	2.6	2.6	.5	.4													52	52	60	58
40/ 39	1.2	5.7	3.4	.2														87	87	78	60
38/ 37	.2	2.7	1.6	1.1														46	46	69	59
36/ 35	.2	2.3	1.7	.7	.2													43	43	42	65
34/ 33	.5	3.3	1.8	.2	.1													49	49	50	65
32/ 31		1.7	1.2	.4														27	27	47	51
30/ 29	.2	1.7	.1															17	17	40	52
28/ 27		.7																6	6	18	36
26/ 25	.1																	1	1	9	24
24/ 23																					20
22/ 21																					19
20/ 19																					7
18/ 17																					1
16/ 15																					5
14/ 13																					1
TOTAL	9.4	42.4	28.9	12.3	5.3	2.0	.7												819		819
																		819		819	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5285900	64846	79.2	13.613	819							
Dry Bulb	1794274	37546	45.8	9.448	819		5.8	1.7	.1			93
Wet Bulb	1573906	35142	42.9	8.984	819		12.9	.3				93
Dew Point	1356277	32277	39.4	10.148	819		24.5					93

USAFETAC FORM 0-26-5 (OL A) 82 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAY MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
7 / 77				.1														1	1		
6/ 75								.1										1	1		
74/ 73				.1	.2	.1												4	4		
72/ 71			.1		.1	.2	.1	.1										6	6	1	
7 / 69				.1	.6	.5			.1									11	11		
6 / 67		.1	.6	.4	.5	.1			.1									15	15	3	2
66/ 65		.4	.4	.4	.4	.2	.1	.1										16	16	5	1
64/ 63	.2	.4	1.1	1.0	.5	.2	.6	.4										36	36	11	8
62/ 61		.9	.1	.7	.4	.4	.1		.1									22	22	25	6
60/ 59		1.1	2.0	.5	.1	.1	.5											35	35	25	12
5 / 57	.1	.9	.6	.6	.7	.9	.4	.1										35	35	28	27
5 / 55	.4	1.8	1.6	1.3	.7	.5	.2											54	54	34	31
54/ 53	1.2	1.5	1.5	1.6	.6	.5												56	56	44	42
52/ 51	.6	1.7	2.2	.7	1.8	.6												63	63	49	38
5 / 49	.9	1.5	3.4	1.8	1.0	.6												75	75	66	36
48/ 47	.5	2.8	2.3	2.3	.6													70	70	62	45
46/ 45	.2	3.3	1.6	1.3	.2	.1												56	56	80	35
44/ 43		3.2	2.1	1.5	.5													59	59	83	67
42/ 41	.1	2.7	2.4	1.2	.5													57	57	60	58
4 / 39	.4	2.7	2.1	1.1	.1													52	52	61	62
38/ 37		2.7	1.3	.9	.1													41	41	55	66
36/ 35		.9	1.2															17	17	51	63
34/ 33	.4	1.1	1.1	.1														22	22	29	65
32/ 31		.6	.2	.1														8	8	28	45
3 / 29	.2	.4																5	5	13	31
26/ 27		.2																2	2	4	31
2 / 25																				2	24
24/ 23																					11
22/ 21																					7
20/ 19																					3
18/ 17																					2
16/ 15																					1
TOTAL	5.3	30.6	28.0	17.9	9.8	5.1	2.1	.9	.4									819	819		819

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4761073	61019	74.5	15.436	819							
Dry Bulb	2083838	40598	49.6	9.355	819		1.7	4.3	.7			93
Wet Bulb	1759811	37319	45.6	8.515	819		5.3	.5				93
Dew Point	1470178	33768	41.2	9.758	819		17.6	.2				93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | MAY MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
9[illegible] / 89																.1		1	1		
86 / 85						.2			.2		.2	.1	.1	.1				9	9		
84 / 83								.4	.1	.2								6	6		
82 / 81							.2		.4	.1	.1							7	7		
8[illegible] / 79					.1	.6	.2	.7	.4			.2						19	19		
7[illegible] / 77					.1		.4	.6			.5							13	13		
76 / 75					.4		.6	.5	.1	.2	.2							17	17	2	
74 / 73				.2	.1	.6	.9	.2	.2	.2		.1						22	22	1	
72 / 71			.1	.1	.4	.4	.7	.4	.6	.6		.4						30	30	5	
7[illegible] / 69					.9	.4	.1	1.1	.4	.1	.2							26	26	9	3
6[illegible] / 67			.1	1.1		.9	.6	.6	.4	.6								35	35	10	
66 / 65			.2	1.0	.9	.5	.5	.4	.7	.1								35	35	19	9
64 / 63	.1		.9	.9	.9	.9	1.5	.5	.2									47	47	30	10
62 / 61	.1	.6	.6	.6	.7	.7	.7	1.2	.4									47	47	34	6
60 / 59		.1	.4	1.0	1.0	1.5	1.1	.7	.4									50	50	39	16
58 / 57	.4	.9	.9	1.1	1.1	.9	1.2	.1	.1									54	54	40	38
56 / 55	.6	.7	.7	.9	1.3	1.5	1.1	.2										58	58	53	47
54 / 53	.2	1.0	1.5	1.8	1.3	1.5	1.0											68	68	68	35
52 / 51	.2	.9	1.6	1.2	1.1	.7	.4	.1										51	51	58	40
5[illegible] / 49	.2	1.0	1.1	1.2	1.2	.7	.5											49	49	78	34
4[illegible] / 47	.4	1.3	.2	.2	1.0	.6	.2											33	33	67	38
46 / 45	.2	1.3	1.8	1.3	1.1	.9												55	55	79	48
4[illegible] / 43	.1	1.3	1.5	1.0	.5	.7												42	42	54	69
42 / 41		.6	.6	.6	.4													18	18	50	58
40 / 39		1.0	.5	.1														13	13	51	57
38 / 37		.4	.1	.6														9	9	34	51
36 / 35	.4	.1																4	4	26	53
34 / 33																				9	57
32 / 31																				2	38
30 / 29																					26
28 / 27																					32
26 / 25																					16
24 / 23																					11
22 / 21																					15

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAY MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
? / 19																					9
1 / 17																					2
TOTAL	3.1	11.2	12.8	15.0	14.4	14.1	12.0	7.8	4.6	2.3	1.3	.9	.1	.1		.1		818	818	818	818

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3164239	48275	59.0	19.643	818							
Dry Bulb	2853877	47469	58.0	11.046	818			21.0	10.7	3.9		93
Wet Bulb	2112484	40966	50.1	8.632	818		.2	3.1	.3			93
Dew Point	1581958	30562	42.3	10.591	818		16.9	.3				93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAY MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
92/ 89											.1	.1	.2			.1		5	5		
88/ 87										1.0			.5	.1	.1			14	14		
86/ 85								.4	.1	.6	.2		.1					12	12		
84/ 83							.4	.4	.2	.2	.2			.1				13	13		
82/ 81						.2	.2	.1	.2	.1		.2	.2					12	12		
80/ 79						.1		.5	.4	.2	.5	.2						16	16		
78/ 77					.2	.1	.5	.9	.2	.1	.6	.1	.1					24	24		
76/ 75						.6	.2	.7	.1	.5	.6	.4	.1					27	27		
74/ 73						1.0	.6	.1	.9	.2	.4	.1	.2					29	29	2	
72/ 71		.1	.1	.1	.4	.2	1.1	.6	.2	1.0	.2	.1						35	35	12	
70/ 69			.1	.1	.2	.9	.6	.7	.2	.9	.1							32	32	17	1
68/ 67		.2	.1	.4	.5	.4	.7	.4		.2								24	24	13	5
66/ 65		.2	.2	.6	1.0	.6	1.0	.5	.6	.2								41	41	23	11
64/ 63	.2	.4	.2	.7	.9	.6	.2	.9	.6	.1								40	40	40	12
62/ 61	.1	.4	.1	1.1	.9	.5	1.1	.7	1.2									50	50	33	10
60/ 59		.9	.4	.7	.4	1.1	1.5	1.0										48	48	48	26
58/ 57	.1	.4	.9	1.2	.4	.9	1.2	.9										48	48	53	32
56/ 55		1.0	.1	2.5	1.7	1.6	2.0	.4		.1								76	76	47	36
54/ 53	.1	.9	.9	1.5	1.3	1.1	.4	.4										53	53	61	34
52/ 51		.7	1.1	1.0	1.8	.6	.4											46	46	49	42
50/ 49	.2	.1	1.6	1.1	.6	.9	1.0	.1										46	46	76	36
48/ 47	.1	.9	.1	1.3	1.2	.6	.2	.2										39	39	70	38
46/ 45	.1	1.2	1.0	1.1	.7	.7												40	40	73	54
44/ 43	.2	.2	.5	1.5														20	20	66	60
42/ 41		.4	.2	.1	.1													7	7	42	49
40/ 39		.5		.2														6	6	37	40
38/ 37	.1	.2	.1	.2														6	6	32	56
36/ 35	.1	.6																6	6	14	63
34/ 33																				7	59
32/ 31																					35
30/ 29																					33
28/ 27																					33
26/ 25																					13
24/ 23																					9

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) NURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

 1200-1800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
21 / 21																					14
/ 19																					8
19 / 17																					1
1 / 15																					1
17 / 13																					1
1 / 11																					2
1 / 9																					1
TOTAL	1.6	9.3	7.9	15.6	12.4	12.8	13.4	9.8	5.2	5.6	3.1	1.3	1.6	.2	.1	.1			815		815
																		815		815	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2742037	44389	54.5	19.963	815							
Dry Bulb	3123934	49520	60.8	11.889	815			27.7	17.3	7.6		93
Wet Bulb	2213854	41856	51.4	8.885	815			5.0	.2			93
Dew Point	1562214	34520	42.4	11.089	815		17.2	.7				93

USAFETAC FORM 26 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
- / 89										.1	.2	.1		.4				7	7		
88/ 87									.1	.2		.1	.2	.1				7	7		
86/ 85									.2	.2	.1	.4						8	8		
84/ 83									.4		.1	.1		.1				6	6		
82/ 81							.4		.5	.1	.1	.6		.1				15	15		
80/ 79					.1	.1	.9	.4	.5	.1	.4	.4						23	23		
78/ 77						.1	.9	.5	.6	.1	.1	.1	.2					22	22		
76/ 75					.4	.4	.5	.6	.7	.6	.1							27	27		
74/ 73			.1		.1	.4	.6	.4	1.0	.2	.9	.1						31	31		
72/ 71		.1	.2	.2	.1	.2	1.0	.5	.6	.2	.4	.1						31	31	8	
70/ 69		.2	.2		.9	.7	.2	.5	.9	.6	.1							36	37	11	2
68/ 67			.1	.2	.7	1.0	.1	.5	.4	.4								28	28	25	5
66/ 65		.1	.4	.1	.5	1.0	1.0	.4	.6	.6								38	38	21	3
64/ 63		.1	.2	.4	.5	.6	.5	.7	1.5	.2								39	39	30	10
62/ 61	.1	.9	.5	.5	1.3	.7	1.2	.7	.2									51	51	40	19
60/ 59		.6	.2	.9	.6	1.0	.9	.6	.6									44	44	45	21
58/ 57	.1	.4	.5	1.2	.9	1.1	.6	1.2		.1								50	50	47	30
56/ 55	.4	.7	1.1	1.8	.9	1.7	1.1	.9										70	70	48	32
54/ 53	.4	1.1	.4	1.6	1.7	.4	1.5	.2										59	59	61	37
52/ 51	.2	.6	2.3	1.0	1.7	1.1	.4	.2										62	62	70	36
50/ 49		.4	1.3	.7	1.3	.7	.6											42	42	59	41
48/ 47		.2	1.2	1.0	1.1	1.0	.1											38	38	80	49
46/ 45	.1	.4	.9	.6	.6	.6												26	26	64	46
44/ 43	.1	.5	.4	.7	.4	.5												21	21	74	51
42/ 41	.1	.5	.9	1.0	.5													24	24	40	65
40/ 39	.2	.2		.4														7	7	40	51
38/ 37	.2		.1															3	3	28	41
36/ 35	.2	.4																5	5	19	66
34/ 33																				10	48
32/ 31																					38
30/ 29																					36
28/ 27																					24
26/ 25																					37
24/ 23																					11

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAY MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 21																					8
[illegible] 19																					9
[illegible] 17																					2
[illegible] 15																					1
[illegible] 11																					1
TOTAL	2.3	7.4	11.1	12.3	14.3	13.3	12.3	8.3	8.8	4.0	2.6	2.1	.5	.7				820	821	820	820

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	2752493	44601	54.4	19.969	820							
Dry Bulb	3103251	49559	60.4	11.669	821			27.4	16.5	6.1		93
Wet Bulb	2197825	41841	51.0	8.761	820			5.0				93
Dew Point	1563245	34433	42.0	10.903	820		18.9	.8				93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAY MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87										.1			.1					2	2		
86/ 85										.1		.1						2	2		
84/ 83									.1		.1	.1						3	3		
82/ 81								.2		.1	.1	.1						5	5		
80/ 79						.1	.1	.5	.2		.4							11	11		
78/ 77					.1		.5	.5	.2	.1	.2	.1						15	15		
76/ 75					.1	.2	.1		.1	.2	.1	.2						10	10		
74/ 73					.1	.6	.1	.2	.1	.2	.1							13	13		
72/ 71					.6	.4	.6	.6	.5	.1								23	23	1	
70/ 69		.2	.2	.4	.4	.6	.2	1.0	.4	.1								29	29	3	1
68/ 67	.1	.4		.4	.9	.5	1.0	.6	.4	.2								36	36	11	2
66/ 65		.4	.5	1.0	.6	.4	.7	.6	.2	.2								38	38	20	7
64/ 63	.2	.1	.2	.4	.7	.2	1.0	.2	.5	.1								31	31	25	5
62/ 61	.1	.9	.2	1.0	1.0	.6	1.1	.4	.4	.1								47	47	26	8
60/ 59		.5	.1	1.5	.9	.6	1.2	.2	.4									44	44	42	19
58/ 57		.7	.9	.2	.9	.7	.4	1.0	.1									40	40	31	28
56/ 55	.9	.9	1.5	1.1	1.0	1.2	.7	.5	.1									64	64	62	36
54/ 53	.5	2.1	1.3	2.1	2.3	.7	.9	.1										82	82	59	34
52/ 51	.1	1.1	2.0	1.5	2.0	1.1	.5	.1										68	68	54	43
50/ 49		.5	2.1	1.7	2.1	1.5	.5	.1										69	69	57	42
48/ 47		.6	2.1	1.5	.9	.1	.1											43	43	69	41
46/ 45	.4	.5	1.0	1.5	.7	.6												38	38	87	45
44/ 43	.1	.5	1.0	1.5	.9	.1												33	33	70	57
42/ 41	.2	1.7	.9	1.1	.7	.1												39	39	68	59
40/ 39		.6	.7	.5	.5													19	19	46	52
38/ 37	.1	.5		.5														9	9	35	73
36/ 35	.2	.1		.1														4	4	32	61
34/ 33		.4																3	3	12	41
32/ 31																				10	39
30/ 29																					25
28/ 27																					34
26/ 25																					23
24/ 23																					12
22/ 21																					20

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 19																					8
1[illegible] / 17																					3
1[illegible] / 15																					1
[illegible] / 9																					1
TOTAL	3.0	12.6	14.6	17.7	17.2	10.5	9.8	7.0	3.8	2.0	1.1	.7	.1					820	820		820

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3364536	49970	60.9	19.749	820							
Dry Bulb	2682140	46106	56.2	10.468	820			16.9	6.9	2.0		93
Wet Bulb	2022613	40131	48.9	8.458	820		1.1	1.7				93
Dew Point	1501632	34000	41.5	10.592	820		18.8	.3				93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | MAY MONTH

2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77							.2											2	2		
76/ 75						.4	.1	.1										5	5		
74/ 73				.4	.2			.1										6	6		
72/ 71				.1	.2	.2	.1		.2									8	8		
70/ 69				.1	.6	.2	.1	.1	.2									12	12	1	
68/ 67		.2	.1	.6	.4	.1	.4		.1									16	16	2	
66/ 65		.4	.5	1.0	.7	.6	.2	.1										29	29	12	6
64/ 63		.7	.5	.4	.5	.6	.4											25	25	10	2
62/ 61	.1	.6	.7	.7	.9	.6	.1	.1										32	32	24	7
60/ 59	.7	.4	1.3	.9	.4	.6	.2	.4										40	40	34	23
58/ 57	.6	.9	.6	.1	.9	.9	.4											35	35	29	23
56/ 55	.7	1.3	1.6	1.1	.9	.5	.1											51	51	46	35
54/ 53	.4	.6	2.2	1.1	.7	.4	.2											46	46	37	34
52/ 51	1.0	2.0	2.6	1.1	.9	.6	.5											70	70	47	35
50/ 49	.6	1.7	2.7	1.7	1.1	.2												66	66	64	39
48/ 47	.4	1.3	2.3	2.7	1.5	.1												68	68	60	53
46/ 45	.1	2.8	3.8	1.8	.9	.2												79	79	62	29
44/ 43	.2	2.6	2.9	1.8	.6	.2												69	69	82	58
42/ 41	.2	2.3	1.3	1.5	.6													49	49	76	63
40/ 39	.1	1.2	2.3	1.6	.4													46	46	76	64
38/ 37	.1	1.6	.5	1.1														27	27	52	60
36/ 35	.5	.6	1.1	.6														23	23	41	70
34/ 33	.1	.5	.5															9	9	35	49
32/ 31		.2	.4															5	5	18	57
30/ 29		.1																1	1	9	25
28/ 27																				2	26
26/ 25																					21
24/ 23																					18
22/ 21																					15
20/ 19																					7
TOTAL	6.0	22.1	28.0	20.4	12.2	6.6	3.2	1.0	.6									819	819		819
																				819	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4420228	58680	71.6	16.246	819							
Dry Bulb	2170774	41464	50.6	9.353	819		.7	5.6	1.5			93
Wet Bulb	1799601	37753	46.1	8.516	819		3.3	.3				93
Dew Point	1468757	33689	41.1	10.072	819		19.2					93

USAFETAC FORM 0-26-5 (OL A) 78 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 89										.0	.0	.0	.0	.0		.0		13	13		
8/ 87									.0	.2		.0	.1	.0	.0			23	23		
6/ 85						.0		.0	.1	.1	.1	.1	.0	.0				31	31		
4/ 83							.0	.1	.1	.1	.1	.0		.0				28	28		
/ 81						.0	.1	.0	.1	.1	.0	.1	.0	.0				39	39		
/ 79					.0	.1	.2	.3	.2	.0	.2	.1						69	69		
7 / 77				.0	.1	.0	.3	.3	.1	.0	.2	.0	.0					77	77		
6/ 75					.1	.2	.2	.3	.1	.2	.1	.1	.0					87	87	2	
4/ 73			.0	.1	.1	.4	.3	.1	.3	.1	.2	.0	.0					113	113	3	
/ 71		.0	.1	.1	.2	.3	.5	.3	.3	.2	.1	.1						138	138	27	
/ 69		.1	.1	.1	.6	.4	.2	.4	.3	.2	.1							158	159	41	7
6 / 67	.2	.2	.2	.5	.4	.4	.4	.3	.2	.2								167	167	70	14
6/ 65		.2	.4	.6	.5	.4	.5	.3	.3	.2								218	218	104	42
4/ 63	.2	.4	.5	.7	.6	.5	.5	.4	.4	.1								270	270	165	59
2/ 61	.1	.7	.4	.7	.7	.5	.5	.4	.3	.0								300	300	227	71
/ 59	.1	.8	.8	.8	.5	.6	.7	.4	.2									324	324	268	145
/ 57	.2	.6	.9	.6	.7	.7	.6	.4	.0	.0								314	314	2[illegible]	228
5 / 55	.5	1.2	1.1	1.2	1.0	1.0	.7	.2	.0	.0								459	459	345	268
4/ 53	.6	1.1	1.3	1.3	1.1	.6	.5	.1										431	431	406	280
2/ 51	.4	1.3	1.9	1.0	1.4	.7	.3	.1										456	456	394	286
5 / 49	.4	1.2	2.0	1.3	1.0	.6	.3	.0										457	457	499	293
/ 47	.3	1.7	1.6	1.5	.9	.3	.1	.0										423	423	516	350
4 / 45	.3	2.2	1.8	1.4	.6	.4												434	434	567	340
4/ 43	.2	1.9	1.7	1.3	.4	.2												371	371	578	453
/ 41	.2	1.7	1.5	1.3	.5	.0												320	320	472	474
2 / 39	.3	1.9	1.5	.6	.1													287	287	458	452
1 / 37	.2	1.2	.6	.6	.0													175	175	376	456
/ 35	.3	1.0	.7	.2	.0													152	152	273	516
1 / 33	.2	.8	.7	.1	.0													114	114	197	434
/ 31	.1	.4	.4	.1														61	61	138	369
/ 29	.1	.3	.0															28	28	91	272
/ 27		.1																8	8	34	245
/ 25	.1	.1																3	3	14	176
/ 23																				1	107

Mean Dry Bulb	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | MAY MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 21																					115
/ 19																					62
/ 17																					13
1 / 15																					14
/ 13																					2
1 / 11																					3
/ 9																					2
TOTAL	4.6	21.3	20.3	15.8	11.6	8.5	6.8	4.4	2.9	1.7	1.0	.6	.3	.1	.0	.0			6549		6548
																		6548		6548	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	31428956	434272	66.3	20.033	6548							
Dry Bulb	19736705	351159	53.6	11.772	6549		11.4	107.2	54.5	19.7		744
Wet Bulb	15335095	311067	47.5	9.229	6548		31.6	16.2	.6			744
Dew Point	11850754	269980	41.2	10.481	6548		156.8	2.4				744

USAFETAC FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JUN MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
7 / 77					.1													1	1		
76/ 75				.1	.1	.1	.1											4	4		
74/ 73			.3	.5	.1	.4	.1											11	11		
72/ 71		.4	.5	.4	.4	.4												16	16	2	
70/ 69		1.3	.3	1.1	.9	.5												32	32	9	2
68/ 67	.4	1.9	1.9	1.0	.5	.6	.1											51	51	22	19
66/ 65	.8	2.7	1.3	1.9	1.0	.1												61	61	38	23
64/ 63	.5	3.7	1.1	.9	.3	.1												52	52	56	37
62/ 61	.9	2.4	2.5	1.3	.6													61	61	64	48
60/ 59	.8	4.3	3.6	1.0	.5		.1											81	81	58	48
58/ 57	.5	3.6	2.5	.4	.8													61	61	81	66
56/ 55	.5	4.6	4.1	.8	.6													83	83	75	71
54/ 53	.1	3.7	2.5	1.7	.3													65	65	75	76
52/ 51	.3	2.2	1.3	.6														34	34	64	74
50/ 49	.5	1.4	1.8	.9														36	36	47	62
48/ 47		2.5	1.7	.9	.3													42	42	38	46
46/ 45	.1	2.0	2.3	.1														36	36	42	28
44/ 43		2.0	1.8	.3														32	32	41	39
42/ 41		.6	1.0															13	13	33	42
40/ 39		1.4	.3															13	13	22	37
38/ 37			.1															1	1	16	26
36/ 35																				3	27
34/ 33																					6
32/ 31																					9
TOTAL	5.3	40.7	30.8	13.9	6.5	2.3	.5											786		786	
																			786		786

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5306932	63982	81.4	11.211	786							
Dry Bulb	2641698	45110	57.4	8.198	786			13.2	1.8			90
Wet Bulb	2358926	42612	54.2	7.882	786			3.8				90
Dew Point	2147903	40523	51.6	8.647	786		1.0	2.4				90

USAFETAC FORM 0-26-5 (OL A) 8/68 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | JUN (MONTH)

0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]6/ 75					.3													2	2		
[illegible]4/ 73			.3	.1		.3												5	5		
[illegible]2/ 71		.3	.4	.6		.8												16	16		
[illegible] / 69	.1	.9	1.1	.3	.3	.4	.1											25	26	10	4
6[illegible]/ 67	.1	1.9	.9		.8	.5												33	33	22	12
[illegible]6/ 65	.5	1.4	1.9	1.3	.9	.3												49	49	25	20
[illegible]4/ 63	1.0	3.6	.4	1.4	.1													51	52	39	40
[illegible]2/ 61	1.0	2.8	1.5	.9	.5	.1												54	54	58	39
[illegible] / 59	.3	4.7	3.1	.4	.3													68	68	49	34
[illegible]/ 57		5.2	1.4	.8	.4													61	61	74	41
[illegible]/ 55	.9	5.0	2.9	.4	.6													77	77	81	84
[illegible]4/ 53	.4	4.8	2.6	.6	.4													69	69	71	79
[illegible]2/ 51	.5	2.9	3.4	.4														57	57	59	75
5 / 49	.3	3.8	2.3	.5														54	54	58	58
[illegible]/ 47	.3	1.9	1.4	.6														33	33	61	53
[illegible]/ 45	.3	1.7	1.4	.8														32	32	34	48
[illegible]4/ 43	.3	2.8	.8															30	30	37	36
[illegible]2/ 41		2.6	1.1															29	29	34	24
4 / 39	.4	1.9	.9															25	25	35	45
3[illegible]/ 37		1.4	.3															13	13	22	32
[illegible]/ 35		.1																1	1	14	34
34/ 33																				1	14
[illegible]2/ 31																					12
TOTAL	6.2	49.7	28.1	9.1	4.5	2.3	.1												786		784
																		784		784	

Element (X)	$\Sigma_n X'$	$\Sigma_n X$	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5563684	65514	83.6	10.667	784							
Dry Bulb	2489324	43724	55.6	8.523	786			9.4	.8			90
Wet Bulb	2242965	41441	52.9	8.185	784			3.7				90
Dew Point	2064640	39634	50.6	8.826	784		1.4	1.8				90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JUN MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81							.1	.1										2	2		
80/ 79					.1													1	1		
78/ 77		.1	.1	.1	.4	.1												7	7		
76/ 75			.1	.3	.4	.1	.3		.1									10	10	1	
74/ 73		.3	.3	.5	.4	.8	.3											19	19	2	1
72/ 71		.5	.5	.8	.3	.6		.1										22	22	8	6
70/ 69	.3	1.0	1.7	1.4	.9	.4	.1											45	45	14	6
68/ 67	.4	1.4	1.9	.8	.6	.4	.3											45	45	31	16
66/ 65	1.0	1.9	2.8	1.8	1.3	.3												71	71	45	33
64/ 63	1.1	2.5	1.8	1.1	1.3	.4												65	66	60	49
62/ 61	.4	2.4	3.3	1.8	1.3	.4												75	75	65	36
60/ 59	.1	3.4	2.5	2.2	1.0	.3												75	76	69	53
58/ 57	.6	3.7	3.2	1.4	.6	.3												77	77	77	69
56/ 55	.5	2.5	1.8	1.0	.8	.1												53	53	80	87
54/ 53	.4	2.3	1.8	2.3	.5	.1												58	58	81	60
52/ 51	.4	2.7	2.0	1.0	.5													52	52	45	58
50/ 49	.3	1.8	2.0	.4														35	35	62	75
48/ 47	.3	1.0	1.3	.6	.4													28	28	50	47
46/ 45		1.5	.8	.4	.1													22	22	35	50
44/ 43		.8	.5															10	10	25	39
42/ 41		.9	.4															10	10	18	33
40/ 39		.3																2	2	11	27
38/ 37		.1																1	1	5	18
36/ 35																				1	8
34/ 33																					10
32/ 31																					3
30/ 29																					1
TOTAL	5.7	31.2	28.8	17.8	10.8	4.2	1.0	.3	.1										787		785
																		785		785	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 88 F	≤ 93 F	Total
Rel. Hum.	5034593	62055	79.1	12.832	785							
Dry Bulb	2839881	46859	59.5	7.963	787			17.3	4.5	.2		90
Wet Bulb	2482941	43755	55.7	7.499	785			6.4	.3			90
Dew Point	2238300	41396	52.7	8.401	785		.5	3.3	.1			90

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB, MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 91														.1				1	1		
[illegible] / 89								.1	.1				.1					3	3		
88 / 87								.5	.1		.1	.1						7	7		
86 / 85						.1	.1	.4		.3	.3							9	9		
84 / 83				.1	.4	.4	.5	.4	.5	.3								20	20		
82 / 81					.3	.8	1.0	.5	.8	.1	.3							29	29		
[illegible] / 79			.1	.1	.5	1.3	.6	.8	.1		.1							29	29		
78 / 77			.1		.9	.6	1.7	.5	.1	.1		.1						33	33	1	
76 / 75			.1	.5	1.7	1.8	.9	.6	.4	.1	.1							49	49	8	
74 / 73		.3	.1	.6	.9	1.3	1.0	.4	.8									42	42	17	6
72 / 71		.3	1.5	1.3	1.3	1.5	.6	.9	.3									60	60	23	5
70 / 69	.3	.9	1.1	1.3	2.2	1.7	1.1	.9	.3	.3								78	78	43	12
68 / 67	.1	.5	1.7	.6	2.0	2.0	1.3	.6	.1	.1								72	72	69	32
66 / 65	.3	.3	1.1	1.7	1.7	1.3	.9	.5	.1									61	61	69	40
64 / 63		1.7	1.1	1.4	2.0	1.0	1.4	.1										69	69	56	54
62 / 61	.1	1.8	.8	1.3	1.4	.9	.6	.4										57	57	80	38
60 / 59		1.7	1.3	1.1	.9	.8												45	45	73	76
58 / 57	.4	.3	2.3	.5	.4	.1	.1											32	32	91	74
56 / 55	.1	1.4	.6	.8	.4	.3	.1	.1										30	30	68	68
54 / 53		.3	.4	1.5	.6	.4	.1											26	26	66	49
52 / 51		.1	.5	.4	.1	.1												10	10	36	76
50 / 49	.1	.4	.4	.5	.1	.3												14	14	32	44
48 / 47		.3	.5		.1													7	7	20	55
46 / 45			.1															1	1	13	33
44 / 43																				13	31
42 / 41																				5	34
40 / 39																				1	21
38 / 37																					14
36 / 35																					5
34 / 33																					6
32 / 31																					6
30 / 29																					4
28 / 25																					1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.4	9.9	14.0	13.8	17.9	16.6	12.2	7.8	3.7	1.3	.9	.3	.1	.1				784	784	784	784

Element (X)	$\Sigma x_i'$	Σx_i	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3391435	49959	63.7	16.294	784							
Dry Bulb	3649912	53096	67.7	8.811	784			49.6	25.5	9.1		90
Wet Bulb	2844822	46884	59.8	7.246	784			18.5	3.0			90
Dew Point	2352266	42376	54.1	8.884	784		1.3	6.3	.7			90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93											.1				.1			2	2		
92/ 91									.1	.6	.1		.1	.1				9	9		
90/ 89							.1	.4	.6	.3	.1	.3	.1	.1				16	16		
88/ 87							.4	1.0	.6	1.0	1.1	.1						34	34		
86/ 85					.1	.1	.8	.5	.5	.6	.3	.1						24	24		
84/ 83					.1	.1	1.0	.9	.9		.1							25	25		
82/ 81				.3	.3	.8	.6	.6	1.1	.3	.3	.1						34	34		
80/ 79			.1		.6	1.0	1.3	1.4	.5	.3	.3							43	43		
78/ 77			.1	.9	.5	1.3	1.3	1.5	.8	.6	.3							57	57	4	
76/ 75			.1	.4	.6	.9	.6	1.0	.9	1.4								47	47	14	
74/ 73			.3	1.3	.6	1.0	.8	.6	1.3	.4	.1							52	52	38	4
72/ 71		.1	.4	1.1	.8	1.5	1.8	.5	.3	.1	.1							53	53	36	10
70/ 69		.3	.8	1.3	2.0	1.0	.8	.6	.5									57	57	44	17
68/ 67		.1	.8	1.5	1.1	2.4	.5	.6	.3									58	58	74	37
66/ 65		.6	1.3	1.3	1.4	1.4	1.1	.5	.3									62	62	71	44
64/ 63		1.5	1.0	1.4	.5	1.0	.9	.3	.1									53	54	64	34
62/ 61		1.3	1.4	.5	.8	.3	.6	.4										41	41	79	64
60/ 59		.1	1.7	1.4	.8	.1	.1	.4										36	36	78	70
58/ 57	.3	1.0	.8	.8	.5	.4	.4	.3										34	34	91	74
56/ 55	.1	.5	.5	1.0	.3	.1	.5											24	24	46	70
54/ 53		.1		.6	.4													9	9	58	56
52/ 51				.4	.3	.1												6	6	26	51
50/ 49				.4														3	3	22	58
48/ 47	.4																	3	3	16	41
46/ 45		.3	.1															3	3	13	46
44/ 43																				11	22
42/ 41																					28
40/ 39																					19
38/ 37																					13
36/ 35																					10
34/ 33																					8
32/ 31																					6
30/ 29																					3

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-24-5 (OL A) USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

 1200-1800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.8	6.0	9.3	14.5	11.7	13.6	13.6	11.6	9.0	5.6	2.9	.6	.3	.3	.1			785	786	785	785

Element (X)	Σx^1	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2873861	45611	58.1	16.892	785							
Dry Bulb	4046655	55873	71.1	9.769	786			58.5	39.3	19.5	.2	90
Wet Bulb	2992733	48127	61.3	7.332	785			24.1	6.4			90
Dew Point	2392446	42760	54.5	8.982	785		1.0	7.8	.5			90

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JUN MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 93											.3							2	2		
[illegible] / 91								.1	.1	.5	.4		.1					10	10		
[illegible] / 89								.4	.1	.4		.4	.1					11	11		
88 / 87						.3	.1	.1	.1	.3	1.1	.9						23	23		
86 / 85							.6	.8	.6	.5	.4	.1						24	24		
84 / 83					.3	.1	.3	.8	1.8	.5								29	29		
[illegible] / 81		.3			.1	.5	1.0	.3	.8	1.1	.3	.3						36	36		
[illegible] / 79		.1	.1	.4	.6	.9	.5	1.0	1.7	.4		.1						46	46	3	2
77 / 77				.5	1.9	.6	1.4	1.3	.6	.1	.6							56	56	4	1
76 / 75		.1	.4	.5	1.7	1.3	.6	.5	1.3	.3	.4							55	55	8	1
74 / 73		.1	.1	.4	.8	.6	1.3	.9	1.1	.3	.5	.1						49	49	25	2
72 / 71		.1	.5	.6	.8	.6	.6	1.0	.4	.1								38	38	34	10
[illegible] / 69			1.0	1.4	2.3	1.5	1.1	.5	.6									67	67	52	13
68 / 67		.1	2.0	.9	1.1	.9	2.0	.9	.4									66	66	80	31
66 / 65		.8	1.0	1.8	1.3	.6	.9	.1	.3									53	54	55	35
64 / 63	.4	.4	1.1	2.2	1.1	1.1	.4	.1										54	55	88	44
[illegible] / 61	.5	1.1	1.0	.6	.6	.4	.4	.5										41	41	76	66
[illegible] / 59	.3	.4	.4	1.0	1.3	.9	.9	.9										47	48	74	54
58 / 57	.3	1.1	.5	.5	.9	.5	.3											32	32	67	73
56 / 55		.6	.6	1.4	.8													27	27	48	83
54 / 53		.1		.5	.1	.4												9	9	50	68
52 / 51			.1		.1													2	2	33	39
50 / 49				.3	.1													3	3	31	53
48 / 47		.4																3	3	20	41
46 / 45		.3																2	2	9	49
44 / 43	.1																	1	1	9	34
42 / 41																					31
40 / 39																					17
38 / 37																					8
36 / 35																					11
34 / 33																					11
32 / 31																					8
30 / 29																					1

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JUN MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.5	6.1	9.0	13.0	15.9	11.3	12.5	10.2	9.9	4.5	3.9	1.9	.3					786	789	786	786

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2910052	45772	58.2	17.651	786							
Dry Bulb	4024335	55841	70.8	9.574	789			58.4	38.9	18.1	.2	90
Wet Bulb	2973815	48011	61.1	7.242	786			23.6	4.6	.2		90
Dew Point	2370222	42572	54.2	9.058	786		1.0	6.9	.7	.2		90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | JUN MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 91									.1									1	1		
[illegible] / 89								.1			.1							2	2		
88/ 87							.1	.1		.3	.4							7	7		
86/ 85							.1		.3	.1	.1	.1						6	6		
84/ 83					.1	.1	.1	.8	.5	.3	.3							17	17		
82/ 81					.1	.3	.4	.5	.6	.4	.1							19	19		
[illegible] / 79					.4	.5	.6	.5	.6	.5	.3							27	27		
78/ 77			.1	.3	.6	1.1	1.4	.9	.6									40	40	1	
76/ 75			.3	.4	1.5	.6	1.3	1.0	.4									43	43	5	
74/ 73		.5	1.0	1.0	.6	1.5	1.1	.6	.8		.1							58	58	8	2
72/ 71		.1	.8	1.0	.6	1.1	.5	1.3	.3	.3								47	47	15	5
70/ 69		.4	.8	1.9	1.5	.5	.9	.8		.1								54	54	40	11
68/ 67	.1	.4	2.3	.8	1.1	1.0	1.8	.6	.1									65	65	59	24
66/ 65	.1	1.8	2.2	2.0	1.0	.8	1.1	.3	.1									74	74	52	28
64/ 63		1.0	1.3	2.0	1.4	.9	1.4	.1										64	64	99	40
62/ 61		1.0	1.5	1.3	1.4	.8	.5	.3										53	53	73	64
[illegible] / 59	.8	2.2	1.3	1.3	1.3	.5	.9	.5										68	69	74	73
58/ 57		1.1	1.0	.9	1.0	1.0	.3											42	42	79	73
56/ 55	.4	1.4	1.5	1.8	1.3	.5	.1											55	55	73	65
[illegible] / 53		.3	1.1	.8	.4	.3												22	22	71	68
52/ 51			.6	.5	.1	.1												11	11	34	55
50/ 49					.4	.1												4	4	45	44
[illegible] / 47		.4		.1														4	4	31	46
[illegible] / 45		.4																3	3	18	52
44/ 43																				6	45
42/ 41																				2	22
[illegible] / 39																				1	26
38/ 37																					14
36/ 35																					9
34/ 33																					9
32/ 31																					9
30/ 29																					2
TOTAL	1.4	10.9	15.8	16.0	15.0	11.8	12.7	8.4	4.5	1.9	1.4	.1						786	787	786	786

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3465380	50372	64.1	17.383	786							
Dry Bulb	3580189	52645	66.9	8.634	787			44.1	25.2	7.1		90
Wet Bulb	2788125	46493	59.2	6.957	786			14.7	1.6			90
Dew Point	2298760	41950	53.4	8.730	786		1.3	4.8	.2			90

USAFETAC FORM 0-26-5 (OL A) 80-44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 79				.1	.1		.1		.1									4	4		
78/ 77			.1	.3		.4	.3	.3										10	10		
76/ 75			.1	.1	.5	.5	.3	.1										13	13		
74/ 73		.1	.3	.8	.3	1.0	.3											21	21	3	
72/ 71		.5	1.0	.9	.6	.8	.5											34	34	5	4
[illegible] / 69		1.4	1.4	1.3	1.5	.4	.5	.1										52	52	17	5
68/ 67	.1	1.6	1.8	2.3	1.0	.4	.1											58	58	29	24
66/ 65	.3	2.3	3.0	1.6	1.0	.3	.3											69	69	46	24
64/ 63	.6	2.5	1.9	1.9	.6	.4												63	63	76	43
62/ 61		1.9	1.8	2.5	.9	.8												62	62	73	38
[illegible] / 59	1.0	4.4	4.2	2.0	1.3	.3		.4										107	107	69	79
[illegible] / 57	.4	2.9	2.8	1.8	.8	.1												69	69	91	67
56/ 55	.4	2.4	1.3	1.3	.8	.1												49	49	84	90
[illegible] / 53	.1	2.4	2.0	1.6	.3													51	51	67	73
52/ 51	.1	1.1	2.3	1.3	.5	.1												43	43	49	68
50/ 49		.9	2.2	1.0	.1													33	33	48	41
48/ 47	.1	.9	1.1	.5	.1													22	23	47	45
46/ 45		.8	1.0	.3	.1													17	17	38	46
44/ 43		.4	.3	.1														6	6	22	45
42/ 41		.3	.1															3	3	15	36
40/ 39		.1																1	1	5	23
38/ 37		.1																1	1	3	15
36/ 35																				1	11
34/ 33																					2
32/ 31																					7
[illegible] / 29																					2
TOTAL	3.2	27.2	28.7	21.7	10.5	5.5	2.3	.9	.1									788	789	788	788

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4780022	60498	76.8	13.114	788							
Dry Bulb	2952529	47875	60.7	7.769	789			21.9	5.5	.2		90
Wet Bulb	2547618	44444	56.4	7.212	788			6.2	.3			90
Dew Point	2269402	41780	53.0	8.300	788		1.0	3.8				90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

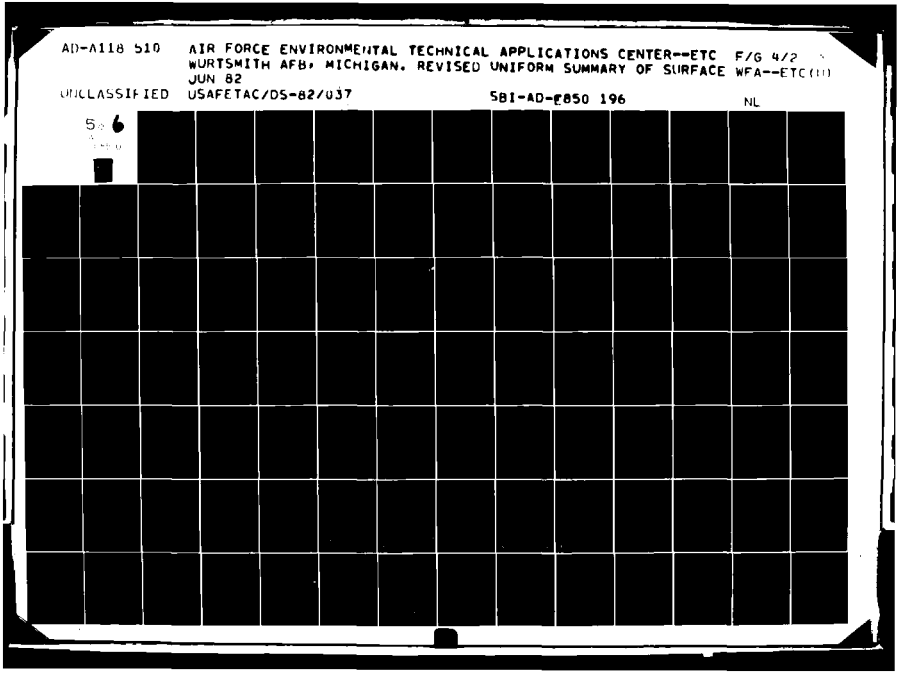
726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
9/ 93											.0				.0			4	4		
9/ 91								.0	.0	.1	.1		.0	.0				21	21		
9/ 89							.0	.1	.1	.1	.0	.1	.0	.0				32	32		
8/ 87						.0	.1	.2	.1	.2	.4	.1						71	71		
6/ 85					.0	.0	.2	.2	.2	.2	.1	.0						63	63		
4/ 83				.0	.1	.1	.2	.4	.5	.1	.0							91	91		
1/ 81		.0		.0	.1	.3	.4	.3	.4	.2	.1	.0						120	120		
9/ 79		.0	.0	.1	.3	.5	.4	.5	.4	.1	.1	.0						150	150	3	2
7/ 77		.0	.1	.3	.6	.5	.7	.6	.3	.1	.1	.0						204	204	10	1
6/ 75		.0	.1	.3	.8	.7	.5	.4	.4	.2	.1							223	223	36	1
4/ 73		.2	.3	.7	.5	.9	.6	.3	.5	.1	.1	.0						257	257	93	15
2/ 71		.3	.7	.8	.6	.9	.5	.5	.1	.1	.0							286	286	123	40
1/ 69	.1	.8	1.0	1.2	1.4	.8	.6	.4	.2	.0								410	411	229	70
0/ 67	.2	1.0	1.7	1.0	1.1	1.0	.8	.4	.1	.0								448	448	386	195
6/ 65	.4	1.5	1.8	1.7	1.2	.6	.5	.2	.1									500	501	401	247
4/ 63	.5	2.1	1.2	1.5	.9	.6	.5	.1	.0									471	475	538	341
2/ 61	.4	1.8	1.7	1.3	.9	.4	.3	.2										444	444	568	393
0/ 59	.4	2.7	2.2	1.3	.9	.4	.3	.3										527	530	544	487
8/ 57	.3	2.4	1.8	.9	.7	.3	.1	.0										408	408	671	537
5/ 55	.4	2.3	1.7	1.1	.7	.1	.1	.0										398	398	555	618
4/ 53	.1	1.8	1.3	1.2	.4	.1	.0											309	309	539	529
2/ 51	.2	1.1	1.3	.6	.2	.1												215	215	346	496
0/ 49	.1	1.0	1.1	.5	.1	.0												182	182	345	435
8/ 47	.1	.9	.7	.4	.1													142	143	283	374
6/ 45	.1	.9	.7	.2	.0													116	116	202	352
4/ 43	.0	.7	.4	.0														79	79	164	291
2/ 41		.5	.3															55	55	107	250
0/ 39	.0	.5	.1															41	41	75	215
8/ 37		.2	.0															16	16	46	140
6/ 35		.0																1	1	19	115
4/ 33																				1	66
2/ 31																					60
0/ 29																					13
9/ 25																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE


AD-A118 510
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WURTSMITH AFB, MICHIGAN. REVISED UNIFORM SUMMARY OF SURFACE WEA--ETC(U)
JUN 82
UNCLASSIFIED
USAFETAC/DS-82/037
SBI-AD-E850 196
NL

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.2	22.7	20.6	15.0	11.6	8.5	6.9	4.9	3.4	1.7	1.1	.4	.1	.0	.0			6284	6294	6284	6284

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	33325959	443763	70.6	17.789	6284							
Dry Bulb	26224523	400973	63.7	10.392	6294			272.4	141.4	54.2	.5	720
Wet Bulb	21231945	361767	57.6	8.031	6284			100.8	16.3	.2		720
Dew Point	18133939	332991	53.0	8.819	6284		8.5	37.1	2.2	.2		720

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 79				.3	.5													6	6		
7[illegible] / 77			.3	.4														5	5		
76 / 75		.4	1.0	.1	.1	.4		.3										18	18	1	
74 / 73		1.2	1.0	.9	.6	.3												31	31	9	4
72 / 71		1.4	2.1	.8	.1	.1	.3											37	37	26	10
[illegible] / 69	.1	2.6	2.7	.3	.6	.1												50	50	34	30
6[illegible] / 67	.5	4.2	4.0	1.0	1.2	.3												87	87	49	44
66 / 65	.1	4.4	2.4	1.4	.8	.3												73	73	70	54
64 / 63	.9	4.8	2.8	1.7	1.2	.1												89	89	87	67
62 / 61	.6	6.3	3.0	1.7	.6	.3												97	97	66	70
[illegible] / 59	.1	4.1	3.6	1.5	.4	.1												77	77	90	67
5[illegible] / 57	.3	3.6	4.4	1.2	.4													76	76	94	72
5[illegible] / 55		1.7	2.2	1.2	.1													40	40	64	77
54 / 53	.1	1.9	2.2	1.4	.1													45	45	66	61
52 / 51		1.4	1.3	.1	.1													23	23	42	68
5[illegible] / 49		.5	.9		.1													12	12	41	48
4[illegible] / 47		.6	.4	.1														9	9	21	36
46 / 45		.1	.1															2	2	11	33
44 / 43																				4	17
42 / 41																				2	11
4[illegible] / 39																					3
3[illegible] / 37																					1
3[illegible] / 35																					4
TOTAL	2.8	39.3	34.4	14.0	7.1	1.9	.3	.3										777		777	777
																		777		777	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5332959	63849	82.2	10.542	777	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3095501	48777	62.8	6.568	777			28.0	7.2			93
Wet Bulb	2782113	46213	59.5	6.574	777			14.2	1.2			93
Dew Point	2579381	44391	57.1	7.467	777			10.5	.5			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
/ 79					.1													1	1		
7- / 77				.3														2	2		
76/ 75		.1	.5	.3		.1												8	8		
74/ 73		.6	.1	.3		.1												9	9	2	
72/ 71		1.4	2.6	.8	.1													38	38	16	7
/ 69	.3	1.9	2.2	.6		.1												40	40	25	21
6 / 67	.4	4.0	3.6	.4	.4													68	69	43	30
6/ 65	.4	5.4	3.0	.4	.1													72	73	66	53
64/ 63	.4	4.5	1.9	1.2	.9													69	69	71	57
62/ 61	.8	9.3	2.7	1.8	.3	.1												116	116	74	77
/ 59	.1	5.4	3.6	1.7														84	85	86	78
5 / 57	.3	4.5	2.6	.4	.3													62	62	88	67
5 / 55	.1	3.6	2.4	1.0	.5													60	60	79	73
4/ 53		1.8	3.0	.4	.1													41	41	54	59
2/ 51		3.1	2.2	.1														42	42	40	72
5 / 49	.3	1.5	2.8	.3														38	38	55	37
/ 47		.6	.9	.4														15	15	40	56
4 / 45		.6	.4			.1												9	9	20	29
44/ 43		.3	.1															3	3	12	18
42/ 41																				4	25
4 / 39																				1	11
3 / 37																				1	1
3 / 35																					5
2 / 23																					1
TOTAL	3.0	48.8	34.6	10.2	2.8	.6												777	780	777	777

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5617287	65697	84.4	8.972	777							
Dry Bulb	2916049	47403	60.8	6.724	780			19.9	2.4			93
Wet Bulb	2652224	45082	58.0	6.862	777			10.3	.2			93
Dew Point	2484982	43536	56.0	7.667	777		.1	6.9				93

FORM AS-24 0-26-5 (OL A) USAFETAC SERVES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | HURTSMITH AFB, MI STATION NAME | 73-81 YEARS | JUL MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83					.1													1	1		
82/ 81					.1													1	1		
80/ 79			.1	.3	.3	.1												6	6		
78/ 77			.1	.6	.4	.1	.1											11	11		
76/ 75		.3	.4	.8	.4	.1		.1										16	16	2	
74/ 73		.9	1.0	.8	.8	.3	.3											31	31	10	6
72/ 71		1.5	2.2	1.8	.8	.8	.1											56	56	22	7
70/ 69	.3	1.7	3.5	1.9	1.0	.9												72	72	34	24
68/ 67	.1	3.5	4.8	1.2	1.2	.6	.3	.1										91	91	51	38
66/ 65	.4	3.7	3.6	3.5	1.5	.3												101	101	82	54
64/ 63	.3	4.5	2.8	2.3	.9	.5												88	88	97	67
62/ 61	.5	4.8	3.0	2.6	.5	.3												90	91	98	91
60/ 59	.3	4.0	3.2	1.4	.4	.1												73	73	102	88
58/ 57		3.2	1.4	1.0	.4													47	47	78	83
56/ 55	.1	1.5	1.3	1.3	.5													37	37	74	75
54/ 53		.9	1.5	.3														21	21	36	69
52/ 51		.9	.9	.1														15	15	36	49
50/ 49		1.2	.8	.1														16	16	24	38
48/ 47			.1															1	1	21	39
46/ 45																				6	16
44/ 43		.1	.1															2	2	2	18
42/ 41																					9
40/ 39																				1	3
38/ 37																					1
36/ 35																					1
TOTAL	1.9	32.7	30.9	20.0	9.3	4.1	.8	.3											777		776
																		776		776	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5360937	62057	80.0	11.257	776							
Dry Bulb	3232932	49874	64.2	6.384	777			34.1	7.9	.5		93
Wet Bulb	2854824	46828	60.3	6.114	776			14.3	1.4			93
Dew Point	2620118	44768	57.7	6.949	776			9.0	.7			93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JUL MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93									.1									1	1		
92/ 91								.3	.1									3	3		
90/ 89								.3										2	2		
88/ 87						.1	.5		.5	.1								10	10		
86/ 85					.1	.9	.1	.6	.1	.3								17	17		
84/ 83				.1	.1	1.4	.3	.8	.4	.5								28	28		
82/ 81					.9	1.2	.8	.6	.6	.5	.1	.1						38	38		
80/ 79			.4	1.3	.9	2.7	1.2	.5	1.0	.3	.1							65	65		
78/ 77			.1	1.2	1.9	2.1	1.9	1.4		.1								68	69	8	
76/ 75		.1	.8	2.3	3.1	2.1	1.9	1.4	.4	.3								96	96	22	1
74/ 73		.3	1.0	1.8	1.4	1.9	1.2	.8										65	65	37	11
72/ 71		.8	1.5	2.1	2.2	2.2	1.0	.6	.8									87	87	54	24
70/ 69	.1	1.0	2.2	1.9	3.1	2.7	.6	.4	.4									97	97	88	45
68/ 67		1.3	.6	2.3	2.6	1.2	.5	.5										70	70	95	55
66/ 65		1.3	1.2	1.3	2.2	1.5	.4	.3										63	64	102	77
64/ 63	.1	1.5	.5	.6	.9	.3	.1											32	32	96	79
62/ 61		.8	.4	.5		.3												15	15	100	75
60/ 59		.5	.4		.1	.3												10	10	71	72
58/ 57	.3	.5	.3															8	8	50	84
56/ 55		.1																1	1	35	76
54/ 53																				13	66
52/ 51																				3	33
50/ 49																				2	24
48/ 47																					16
46/ 45																					13
44/ 43																					10
42/ 41																					11
40/ 39																					4
TOTAL	.5	8.2	9.4	15.5	19.6	20.7	10.6	8.5	4.5	2.1	.3	.1						776	778	776	776

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3386217	49957	64.4	14.815	776							
Dry Bulb	4182816	56820	73.0	6.523	776			77.5	47.1	16.5	.1	93
Wet Bulb	3281843	50269	64.8	5.429	776			36.4	8.0			93
Dew Point	2799793	46263	59.6	7.124	776			16.3	1.4			93

FORM AF 64 0-26-5 (OL A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JUL MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99														.3				2	2		
98/ 97													.1					1	1		
96/ 95											.4							3	3		
94/ 93								.1	.1	.1	.1							4	4		
92/ 91						.1	.1	.5		.1	.1							8	8		
90/ 89						.1	.9	.5	.9	.5	.1	.3						26	26		
88/ 87					.1	.1	.6	.8	1.0	.4	.1	.4	.3					30	30		
86/ 85				.3	.1	.8	1.6	.9	1.0	1.4	.4	.3	.1					53	53		
84/ 83				.3	.3	1.2	1.6	.5	.9	1.2	.8	.3						53	54		
82/ 81				.4	.5	1.4	2.1	.6	1.6	.8	.4							60	60	2	
80/ 79			.4	.3	1.0	2.5	1.2	1.9	1.2	.8	.5							75	76	8	1
78/ 77		.3		.5	1.7	.9	1.8	1.9	.6		.1							61	62	19	5
76/ 75			.4	2.5	1.0	1.6	.4	1.8	.4	.9	.4							72	72	28	6
74/ 73		.3	.6	1.7	.8	1.8	2.6	.4	.8	.1	.1							71	71	60	19
72/ 71		.5	1.4	1.9	1.9	3.0	1.7	.4	.1	.1								86	86	71	18
70/ 69		.9	1.4	.8	1.6	1.7	.5	1.2	.4									65	66	85	36
68/ 67		.8	1.0	.6	1.3	.8	.6		.1									41	41	87	75
66/ 65		.8	.6	.5	.8	.5	.1											26	26	106	88
64/ 63		.5	.1	.4	.3	.4	.3											15	15	98	54
62/ 61	.1	.3		.1		.1												5	5	83	76
60/ 59	.1	1.3	.3															13	13	45	55
58/ 57																				43	76
56/ 55		.3																2	2	29	76
54/ 53																				5	54
52/ 51																				3	46
50/ 49																					19
48/ 47																					22
46/ 45																					18
44/ 43																					13
42/ 41																					10
40/ 39																					3
38/ 37																					2
TOTAL	.3	5.8	6.3	10.2	11.4	17.0	16.1	11.7	9.2	6.5	3.6	1.2	.5	.3				772	776	772	772

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2807822	44874	58.1	16.083	772							
Dry Bulb	4597557	59447	76.6	7.492	776			85.7	62.6	32.7	1.2	93
Wet Bulb	3403752	51070	66.2	5.731	772			43.6	16.1	.6		93
Dew Point	2806805	46168	59.8	7.739	772			19.3	3.7			93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JUL MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101															.3			2	2		
100/ 99															.1			1	1		
96/ 95												.3						2	2		
94/ 93							.1	.1	.1		.3							5	5		
92/ 91						.1	.3	.5	.5	.3		.1						14	14		
90/ 89						.4	.3	.6	.3			.1		.1				14	14		
88/ 87					.3	.1	.9	.8	1.0	.4	.5	.4	.1					35	35		
86/ 85		.1				.6	1.4	.6	.6	.8	1.3	.8						49	49		
84/ 83				.1	.6	.8	1.0	1.3	.9	1.0	.4	.1						49	49	1	1
82/ 81				.5	.6	2.4	2.3	1.4	1.3	.8	.4	.1						77	77	2	
80/ 79		.3	.1	.8	1.2	2.6	.8	1.7	1.4	.9	.5	.1						80	80	10	2
78/ 77			.3	.6	1.0	.5	1.2	.9	.5	.3	.5							45	45	15	4
76/ 75		.1	.8	1.4	1.2	2.2	2.1	1.2	.6	.1	.1							76	76	31	6
74/ 73		.3	.8	.6	.8	2.2	1.9	1.3	.3	.5								67	67	66	19
72/ 71		.6	1.3	1.4	1.4	1.5	1.5	1.2	.6	.1								76	76	66	25
70/ 69		.9	2.3	1.2	1.3	.8	1.3	.5		.1								65	65	77	43
68/ 67	.1	1.4	1.3	1.2	1.0	.9	.8											52	53	71	78
66/ 65		.4	1.2	.4	.5	.6	.9											31	32	118	68
64/ 63		.6		.1	1.2		.1											16	16	108	56
62/ 61	.1	.6	.3	.6		.1	.1											15	15	78	70
60/ 59		.3		.1														3	3	48	61
58/ 57		.4																3	3	47	76
56/ 55																				32	65
54/ 53																				4	45
52/ 51																				3	52
50/ 49																					40
48/ 47																					17
46/ 45																					26
44/ 43																					13
42/ 41																					5
40/ 39																					1
38/ 37																					3
36/ 35																					1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
TOTAL	.3	6.0	8.2	9.1	11.1	16.0	17.0	12.1	8.2	5.3	4.0	2.1	.1	.1	.4				777	779	777	777

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2869810	45386	58.4	16.789	777							
Dry Bulb	4595094	59538	76.6	7.578	779			84.8	61.6	34.4	1.2	93
Wet Bulb	3417468	51330	66.1	5.846	777			40.6	15.0	1.1		93
Dew Point	2818549	46385	59.7	7.985	777			21.3	3.8	.1		93

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]6/ 97															.1			1	1		
6/ 95														.1				1	1		
[illegible]4/ 93								.1										1	1		
[illegible]/ 91								.1		.1								2	2		
[illegible]/ 89							.1	.3										3	3		
[illegible]8/ 87					.1		.4	.3	.3	.1	.3	.1						12	12		
[illegible]6/ 85					.1	.4	.6	.4		.1	.3	.1						16	16		
[illegible]4/ 83					.3	.6	.4	.6	.6	.4	.1						.1	25	25		
[illegible]/ 81					1.0	.6	1.2	.3	.4	.8	.1							34	34	1	
[illegible]/ 79		.1	.3	.6	1.0	1.7	1.7	1.4	.8	.3	.1							62	62	1	
7[illegible]/ 77			.1	1.5	2.1	1.0	1.5	.9	.6	.1	.1							63	64	8	2
76/ 75		.6	.6	2.1	2.6	1.8	1.4	.9	.3	.3								82	82	12	3
74/ 73		.3	1.2	3.0	1.2	2.2	1.4	.8	.5									81	81	38	9
[illegible]/ 71		.9	1.3	1.5	.8	1.9	1.5	1.2										71	71	48	24
7[illegible]/ 69		1.7	2.1	1.0	2.7	2.2	.9	.8	.1									89	89	81	31
6[illegible]/ 67		1.2	1.7	1.4	1.7	1.3	1.2	.3	.1									68	68	105	67
66/ 65	.1	1.9	2.4	3.2	1.5	1.0	.9	.1	.1									89	89	85	87
64/ 63		1.4	1.2	.6	.8	1.0	.1											40	40	94	63
[illegible]2/ 61		.9	.3	.3	.8	.3		.1										20	20	103	59
[illegible]/ 59		.5	.4	.1	.4	.3												13	13	88	85
5[illegible]/ 57		.3				.1												3	3	44	76
5[illegible]/ 55		.1																1	1	41	67
[illegible]4/ 53																				18	45
[illegible]2/ 51																				6	45
5[illegible]/ 49																				4	38
4[illegible]/ 47																					23
4[illegible]/ 45																					33
[illegible]4/ 43																					10
42/ 41																					4
4[illegible]/ 39																					2
3[illegible]/ 37																					2
34/ 33																					1
[illegible]/ 1																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.1	9.9	11.5	15.4	17.0	16.5	13.4	8.5	3.9	2.2	1.0	.3		.1	.1		.1	777	778	777	777

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3426961	50053	64.4	16.159	777							
Dry Bulb	4137056	56490	72.6	6.746	778			73.2	45.9	15.1	.4	93
Wet Bulb	3242328	50004	64.4	5.597	777			35.2	7.2	.1		93
Dew Point	2757518	45890	59.1	7.802	777		.1	16.3	1.7			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PAGE 1 2100-2300 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 85								.1										1	1		
4/ 83					.1					.1								2	2		
/ 81				.1		.1												2	2		
/ 79				.5	1.0	.3	.1		.1									16	16		
7 / 77			.5	.4	.5	.4		.3										16	16		
6/ 75		.1	.9	1.2	1.3	.4	.4	.3										35	35	3	
4/ 73	.1	.6	.9	3.2	.5	.8	.6	.1										54	54	16	3
/ 71	.3	1.7	3.5	1.9	2.1	.1												74	74	31	18
/ 69	.4	2.3	3.0	1.5	2.2	.6	.3	.1										81	81	52	30
6 / 67	.3	3.9	3.0	2.1	1.7	.9	.6											96	96	85	55
6/ 65	.5	4.0	2.5	2.7	1.7	.5	.5											96	96	80	86
4/ 63	.4	4.0	3.5	1.8	1.8	.1	.1											91	91	93	68
/ 61		3.6	2.5	1.5	1.5	.6												76	76	87	66
/ 59	.1	1.8	2.7	2.2	.6	.3												60	60	97	74
/ 57		1.0	1.5	1.4	.3		.1											34	34	77	91
/ 55		.5	1.0	1.4														23	23	61	71
4/ 53		.3	.6	.4		.1												11	11	37	50
2/ 51		.3	.1	.1	.1													5	5	28	46
/ 49		.1																1	1	21	45
/ 47			.1															1	1	3	24
/ 45																				2	23
4/ 43																				2	15
2/ 41																					5
/ 39																					2
/ 33																					3
TOTAL	.1	24.3	26.3	22.6	15.5	5.3	2.8	.9	.1	.1								775	775		775
																		775		775	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4699461	59535	76.8	12.760	775							
Dry Bulb	3440902	51422	66.4	6.121	775			45.2	15.1	1.4		93
Wet Bulb	2979076	47828	61.7	5.954	775			22.4	2.3			93
Dew Point	2697880	45384	58.6	7.206	775			12.7	.4			93

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72e395 STATION | wURTSMITH AFB,MI STATION NAME | 73-81 YEARS | JUL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
2/101															.0			2	2		
0/ 99														.0	.0			3	3		
8/ 97													.0		.0			2	2		
6/ 95											.0	.0		.0				6	6		
4/ 93							.0	.0	.0	.0	.0							11	11		
/ 91						.0	.0	.2	.1	.1	.0	.0						27	27		
/ 89						.1	.2	.2	.1	.1	.0	.0		.0				45	45		
8/ 87					.1	.0	.3	.2	.4	.1	.1	.1	.0					87	87		
6/ 85		.0		.0	.0	.3	.5	.3	.2	.3	.2	.1	.0					136	136		
4/ 83				.1	.2	.5	.4	.4	.4	.4	.2	.0					.0	158	159	1	1
/ 81				.1	.4	.7	.8	.4	.5	.4	.1	.0						212	212	5	
/ 79		.0	.2	.5	.8	1.2	.6	.7	.6	.3	.2	.0						311	312	19	3
7/ 77		.0	.2	.7	1.0	.6	.8	.7	.2	.1	.1							271	274	50	11
6/ 75		.2	.7	1.3	1.2	1.1	.8	.7	.2	.2	.1							403	403	99	16
4/ 73	.0	.5	.8	1.5	.8	1.2	1.0	.4	.2	.1	.0							409	409	238	71
/ 71	.0	1.1	2.0	1.5	1.2	1.2	.8	.4	.2	.0								525	525	334	133
/ 69	.1	1.6	2.4	1.2	1.6	1.1	.5	.4	.1	.0								559	560	476	260
6 / 67	.2	2.5	2.5	1.3	1.4	.7	.5	.1	.0									573	575	586	442
6/ 65	.2	2.7	2.1	1.7	1.1	.6	.4	.0	.0									551	554	709	567
4/ 63	.3	2.7	1.6	1.1	1.0	.3	.1											440	440	744	511
2/ 61	.3	3.3	1.5	1.1	.5	.3	.0	.0										434	435	689	584
/ 59	.1	2.2	1.8	.9	.2	.1												333	334	627	580
/ 57	.1	1.7	1.3	.5	.2	.0	.0											233	233	521	625
5 / 55	.3	1.0	.9	.6	.1													164	164	415	580
4/ 53	.1	.6	.9	.3	.0	.0												118	118	233	449
2/ 51		.7	.6	.1	.0													85	85	161	411
5 / 49	.3	.4	.6	.0	.0													67	67	147	289
4 / 47		.2	.2	.1														26	26	85	233
4 / 45		.1	.1			.0												11	11	39	191
4/ 43		.0	.0															5	5	20	114
2/ 41																				6	80
4 / 39																				2	29
3 / 37																				1	10
3 / 35																					11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | JUL (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
3 / 33																					4
2 / 23																					1
/ 1																					1
TOTAL	1.4	21.9	20.2	14.6	11.7	10.3	7.6	5.3	3.2	2.0	1.1	.5	.1	.1	.1		.0		6220		6207
																		6207		6207	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	33201454	441408	71.1	17.082	6207							
Dry Bulb	30197907	429771	69.1	8.992	6220			448.3	249.8	100.6	2.9	744
Wet Bulb	24613628	388644	62.6	6.707	6207			216.7	49.4	1.8		744
Dew Point	21565026	362802	58.5	7.607	6207		.2	112.3	12.2	.1		744

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | AUG MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 79				.1															1	1		
7[illegible] / 77		.1		.7	.6														12	12		
76 / 75		.2	1.[illegible]	.5	.1														15	15	3	2
4 / 73		1.1	.7	.4															18	19	10	3
[illegible] / 71		.6	2.[illegible]	.4	.1			.1											26	26	21	10
[illegible] / 69	.1	4.8	3.0	1.2	.4		.1												78	78	35	31
6[illegible] / 67	.4	4.1	3.1	1.8	.9	.1	.1												85	85	58	42
6 / 65	.4	5.9	3.3	1.6	.2														93	93	79	74
[illegible]4 / 63	1.0	5.7	3.3	2.0	.2														99	99	85	68
[illegible]2 / 61	1.5	5.3	2.2	1.4			.1												85	85	103	85
[illegible] / 59	.5	3.2	3.3	1.4															68	68	83	87
5[illegible] / 57	.1	2.5	2.6	.4	.1	.1													47	47	65	71
5[illegible] / 55	.4	3.3	2.5	.7	.1														57	57	63	53
54 / 53	.1	3.3	2.1	1.0	.1														54	54	60	64
52 / 51		2.2	1.8	.1															34	34	42	64
5[illegible] / 49		1.5	1.4																23	23	46	42
[illegible] / 47	.1	.5	.4																8	8	36	42
4[illegible] / 45		.2	.2	.1															5	5	11	32
44 / 43		.2	.2																4	4	5	20
[illegible]2 / 41		.1																	1	1	5	9
4[illegible] / 39																					3	6
3[illegible] / 37																						5
3[illegible] / 35																						2
3[illegible] / 33																						1
TOTAL	4.6	44.9	33.1	13.8	3.0	.2	.4	.1											813	814	813	813

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	5860609	68597	84.4	9.464	813							
Dry Bulb	3194523	50683	62.3	6.907	814			27.0	5.4			93
Wet Bulb	2905694	48278	59.4	6.915	813			14.8	1.5			93
Dew Point	2727192	46674	57.4	7.661	813			10.1	.6			93

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | AUG MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
- / 79				.1														1	1		
7-/ 77				.2														2	2		
76/ 75	.1	.1	.2															4	4	1	1
74/ 73		.5	1.2	.2		.1		.1										18	18	7	1
72/ 71		1.8	.7	.1														22	22	14	12
/ 69	.1	3.7	1.8		.2		.1											49	49	29	28
6 / 67	.2	3.8	2.6	.7	.2													62	62	47	31
66/ 65	.9	6.4	2.3	1.8	.6													98	98	58	54
64/ 63	1.7	5.0	3.3	.2	.1													85	85	74	67
62/ 61	1.2	5.3	2.6	.5	.1													79	79	99	72
/ 59	1.1	4.7	2.1	.9						.1								72	72	91	86
5-/ 57	.7	3.4	3.4	.9	.2													71	71	62	75
56/ 55	.5	3.8	2.1	.2														54	54	59	55
54/ 53	.2	5.4	1.4	.6														62	62	64	53
2/ 51	.2	3.4	2.8	.4														56	56	65	75
5 / 49		2.6	2.1	.4														41	41	46	62
4- / 47		1.6	.6															18	18	47	43
4c/ 45	.1	.5	.6															10	10	28	35
44/ 43		.6	.1															6	6	7	31
42/ 41		.5																4	4	12	8
4 / 39																				4	17
3c/ 37																					4
3-/ 35																					3
1c/ 15																					1
TOTAL	7.2	53.2	30.1	7.4	1.6	.1	.1	.1		.1								814	814	814	814

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6209341	70711	86.9	9.063	814							
Dry Bulb	2992521	49015	60.2	7.109	814			18.1	2.9			93
Wet Bulb	2769034	47112	57.9	7.215	814			11.2	.9			93
Dew Point	2624870	45770	56.2	7.943	814		.1	8.3	.2			93

FORM AS #4 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | AUG MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 81				.1														1	1		
[illegible] / 79				.2														2	2		
7[illegible] / 77				.2														2	2		
[illegible]6 / 75		.4	.7															9	9	1	
[illegible]4 / 73		1.1	.6	.4		.1	.1											19	19	14	1
[illegible]2 / 71		2.3	1.7	.5	.2													39	39	12	18
[illegible] / 69	.2	3.0	3.2	.7	.6	.4												66	66	32	24
6[illegible] / 67	.7	3.2	3.7	1.4	.5	.1												78	78	50	39
[illegible]6 / 65	1.0	6.0	4.1	2.2	.2	.1												111	111	82	57
[illegible]4 / 63	1.1	4.6	3.2	1.1	.6			.1										87	87	92	79
[illegible]2 / 61	.5	5.3	2.7	1.5	.4													84	84	95	77
[illegible] / 59	.9	3.9	2.0	1.1	.4	.1												68	68	84	82
5[illegible] / 57	.4	2.2	4.8	.7	.1													67	67	67	80
5[illegible] / 55	.1	3.4	2.1	1.0	.2													56	56	63	67
[illegible]4 / 53	.2	3.2	2.2	.4														49	49	77	50
[illegible]2 / 51	.2	1.6	1.0	.2														25	25	54	74
5 / 49	.1	1.7	1.0	.1														24	24	31	55
[illegible] / 47		1.4	.4															14	14	26	38
4[illegible] / 45		.5	.4															7	7	20	30
44 / 43		.2																2	2	5	18
[illegible]2 / 41		.4																3	3	5	10
4 / 39																				3	7
3[illegible] / 37																					6
3[illegible] / 35																					1
TOTAL	5.5	44.4	33.7	11.9	3.3	.9	.1	.1										813	813	813	813

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5895766	68790	84.6	9.628	813							
Dry Bulb	3157921	50365	61.9	6.826	813			24.7	3.8	.2		93
Wet Bulb	2880652	46074	59.1	6.837	813			12.5	1.7			93
Dew Point	2703595	46485	57.2	7.503	813			9.4	.1			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 91									.1									1	1		
[illegible] / 89						.1		.2		.1								4	4		
88 / 87					.1	.1	.5		.1									7	7		
[illegible]6 / 85						.2	.4											5	5		
[illegible]4 / 83				.1	.2	.4	.1	.4										10	10		
[illegible] / 81			.1	.5	.7	.7	.5	.1	.1									23	23	1	
[illegible] / 79			.1	.7	1.1	.9	.6	.2	.5	.2								36	36	1	
7[illegible] / 77			.6	.6	1.5	1.5	1.5	1.0		.1								55	55	13	3
[illegible]6 / 75		.2	1.0	1.7	2.1	1.7	1.0	.5	.2									69	69	13	3
[illegible]4 / 73		.7	1.7	3.6	3.0	2.1	.6	.6										100	100	28	13
[illegible] / 71		.7	2.8	2.2	2.7	2.0	1.1	.2										96	96	34	23
[illegible] / 69	.1	1.2	3.0	2.3	3.5	1.6	.5	.7										105	105	75	33
6[illegible] / 67	.2	2.6	2.3	2.7	2.1	1.6	.6	.1										100	100	103	57
[illegible]6 / 65		2.1	2.2	1.9	1.9	1.1	.6		.1									80	80	119	91
[illegible]4 / 63		1.5	1.5	1.5	2.0	.4	.2											57	57	123	87
[illegible]2 / 61	.1	.5	.5	1.0	.7	1.0	.5											35	35	91	87
[illegible] / 59			.4	.2	.1	.1	.2											9	9	74	84
5[illegible] / 57			.5	.1	.4	.1												9	9	48	78
5[illegible] / 55			.1		.5													5	5	39	57
[illegible]4 / 53		.1		.4														4	4	19	54
[illegible]2 / 51																				14	45
5 / 49																				9	22
4[illegible] / 47																				6	27
4[illegible] / 45																					13
[illegible]4 / 43																					15
[illegible]2 / 41																					10
4 / 39																					4
3 / 37																					3
[illegible]2 / 31																					1
TOTAL	.5	9.8	16.9	19.6	22.6	15.7	9.0	4.2	1.2	.5								810	810		810
																		810		810	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3980876	55674	68.7	13.807	810							
Dry Bulb	4094730	57370	70.8	6.228	810			70.2	35.6	7.9		93
Wet Bulb	3340991	51807	64.0	5.825	810			30.8	6.4	.2		93
Dew Point	2919474	48252	59.6	7.465	810		.1	15.2	2.2			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | AUG MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97													.1					1	1		
96/ 95							.1	.1		.1	.1							4	4		
94/ 93							.1	.1	.1	.2								5	5		
92/ 91								.4	.5	.4								10	10		
90/ 89						.1		.6	.5		.1							11	11		
88/ 87					.1	1.3	.6	.4	.5	.2				.1				27	27		
86/ 85					.6	.5	.5	.7		.6	.1		.1					26	26		
84/ 83					.1	1.3	1.0	.6	.2	.6	.2							34	34	1	
82/ 81				.2	.9	1.6	1.3	1.5	.6	1.3	.2							63	63	2	
80/ 79			.1	.9	2.5	1.2	1.1	1.6	.7	.5	.1							71	71	5	1
78/ 77			.2	.9	2.5	2.3	2.5	1.6	.2	.4								86	86	24	2
76/ 75			.7	1.2	2.1	1.1	1.5	1.1	.4	.4								69	69	28	11
74/ 73			.6	2.7	1.6	3.2	.6	1.0	.5									83	83	54	18
72/ 71		.2	.9	.9	3.4	1.6	1.7	.7	.2									79	79	59	26
70/ 69	.1	.7	2.5	.9	3.4	1.7	.9	.5										87	87	70	54
68/ 67		.9	2.0	.4	1.7	1.6	.5	.6	.1									63	63	108	55
66/ 65		1.2	1.2	.7	.9	.2	1.2	.6	.2									52	52	116	83
64/ 63		.9	.2	.4	.1	1.0	.4	.1										25	25	114	84
62/ 61		.5		.5	.1		.4											12	12	79	73
60/ 59		.1																1	1	63	72
58/ 57		.1	.2		.1	.1												5	5	37	82
56/ 55					.1													1	1	18	62
54/ 53			.1															1	1	19	46
52/ 51																				14	44
50/ 49																				3	30
48/ 47																				2	20
46/ 45																					20
44/ 43																					7
42/ 41																					8
40/ 39																					11
38/ 37																					4
36/ 35																					3
TOTAL	.1	4.7	8.8	9.6	20.2	19.0	14.3	12.3	4.9	4.8	1.0		.2	.1				816	816	816	816

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 92 F	Total
Rel. Hum.	3217605	49771	61.0	14.939	816							
Dry Bulb	4627119	61161	75.0	7.261	816			81.9	55.8	24.4	1.1	93
Wet Bulb	3540082	53518	65.6	6.073	816			40.0	13.0	.5		93
Dew Point	2974437	48831	59.8	8.010	816			19.0	3.6			93

FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | AUG MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
98/ 97									.1			.1	.2						4	4		
96/ 95								.2		.2									4	4		
94/ 93									.1	.1									2	2		
92/ 91									.1	.5	.1								6	6		
90/ 89							.6	.4	.6	.6	.2								20	20		
88/ 87						.9	1.1	1.0	.6			.2		.1					32	32		
86/ 85						1.1	.7	.4	.9	.1	.1			.2					29	29		
84/ 83				.1	.4	1.6	.1	1.1	1.0	.7									41	41		
82/ 81				.1	1.1	.5	1.1	1.5	.6	.5	.1								45	45	3	
80/ 79			.2	.7	1.8	1.9	1.5	1.0	1.0	.4									70	70	4	
78/ 77			.6	.4	1.8	1.1	1.7	.7	1.1	.4	.4								67	67	17	3
76/ 75		.1	.9	1.1	1.3	1.9	1.2	1.1	.4	.5									70	70	35	6
74/ 73		.2	1.0	1.2	2.7	1.8	1.9	.7											79	79	73	18
72/ 71		.9	.9	1.7	3.3	1.2	1.9	.9	.2										90	90	45	37
70/ 69		1.2	1.8	1.0	2.9	2.3	1.1	.6	.4										93	93	72	60
68/ 67		1.3	2.6	1.2	1.9	.6	1.1	.7	.4										81	81	96	50
66/ 65	.4	1.5	1.1	.4	.2	.6	.6	.1	.1	.1									42	42	125	79
64/ 63	.1	.9	.6	.6	.7	.4		.1											28	28	110	77
62/ 61		.2	.1	.2	.2														7	7	88	87
/ 59		.4		.2	.1														6	6	67	83
58/ 57			.4																3	3	27	83
56/ 55					.1														1	1	31	49
54/ 53				.2															2	2	18	38
52/ 51																					6	46
50/ 49																					2	40
48/ 47																					3	14
46/ 45																						17
44/ 43																						11
42/ 41																						9
40/ 39																						8
38/ 37																						3
36/ 35																						2
34/ 31																						2

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) AUG (MONTH)

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.5	6.7	10.1	9.2	18.7	15.9	14.7	10.5	7.5	4.1	1.0	.4	.2	.4				822	822	822	822

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	3334166	50670	61.6	16.022	822							
Dry Bulb	4655922	61556	74.9	7.506	822			82.9	53.1	25.8	1.1	93
Wet Bulb	3569431	53943	65.6	5.991	822			39.0	14.9	.3		93
Dew Point	3006316	49278	59.9	7.970	822		.2	19.7	3.1			93

USAFETAC Form 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | KURTSMITH AFB,MI STATION NAME | 73-81 YEARS | AUG MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 93							.1			.1								2	2		
/ 89					.1			.5				.1						6	6		
88/ 87					.1	.1	.1	.1	.2									6	6		
86/ 85						.4	.4		.1	.1	.1	.1						10	10		
84/ 83			.1	.1	.6	.9	.1	.5	.2									21	21	1	
[illegible]/ 81				.4	.6	1.1	.4	.4	.2	.2			.1					28	28	1	
[illegible] / 79	.1		.2	.5	1.3	.1	1.0	.4	.5	.5	.1							39	39	3	4
78/ 77			.6	1.3	1.3	.7	.9	.5		.1	.1							46	46	5	1
[illegible]6/ 75		.1	.5	2.6	1.2	1.7	.6	.6	.2	.2								64	64	22	1
74/ 73	.1	.7	1.8	2.6	1.7	1.7	1.3	.6	.2									89	89	36	15
72/ 71	.2	1.1	1.5	2.4	1.3	1.0	.5	.5	.1									71	71	49	25
70/ 69	.1	1.2	2.8	1.9	2.8	1.8	.5	.2		.1								95	95	65	53
68/ 67		3.8	4.1	2.9	2.9	.9	.6	.4	.1									129	129	97	71
66/ 65	.1	3.0	2.3	2.8	1.0	1.3	.5	.2	.1									94	94	110	69
64/ 63	.6	1.0	1.5	1.8	1.3	.5	.4											58	58	114	79
62/ 61		.7	.9	.7	.5	.4	.1	.1										28	28	105	99
[illegible]/ 59		1.0	1.0	.2	.9	.2												27	27	78	68
58/ 57				.1	.2	.1												4	4	52	86
56/ 55				.1		.1												2	2	38	54
54/ 53				.4														3	3	19	65
52/ 51			.1															1	1	15	31
5 / 49																				7	29
48/ 47																				5	21
46/ 45																				1	15
44/ 43																					16
42/ 41																					10
4 / 39																					4
38/ 37																					3
36/ 33																					1
32/ 31																					3
TOTAL	1.3	12.6	17.4	20.9	18.0	13.0	7.4	5.0	2.2	1.5	.4	.2	.1					823	823	823	823

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4183451	57241	69.6	15.686	823							
Dry Bulb	4163219	58279	70.8	6.647	823			68.5	35.1	10.2	.2	93
Wet Bulb	3403244	52698	64.0	5.930	823			31.5	7.7	.6		93
Dew Point	2982178	49122	59.7	7.819	823		.3	19.2	2.4	.1		93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | AUG MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
-4/ 83							.1												1	1		
-2/ 81			.1	.1	.1		.1												4	4		
2/ 79				.5	.1	.4													8	8		
7c/ 77			.1	1.0	.4	.2													14	14	1	
76/ 75		.6	1.3	1.5	.6	.4	.1	.1											38	38	4	
74/ 73		1.3	2.2	1.3	.6	.2	.1	.2											50	50	16	
72/ 71	.4	1.5	2.4	1.3	.4	.5	.1												54	54	41	
70/ 69		2.7	2.7	2.0	.4	.1													64	64	60	
68/ 67	.1	4.6	4.0	3.3	1.6	.2													114	114	65	
66/ 65	.5	4.6	4.9	3.2	1.0	.2													118	118	85	
64/ 63	1.2	3.8	3.1	2.1	.4														86	86	102	
62/ 61	1.0	2.1	2.2	2.1	.7	.2													68	68	103	
60/ 59	.4	2.1	3.8	1.2	.4														64	64	86	
58/ 57	.2	2.4	2.7	1.1	.2	.2													57	57	64	
56/ 55		1.0	1.3	1.2	.2														31	31	66	
54/ 53		.7	1.1	1.6		.1													29	29	44	
52/ 51		.2	.6	.1	.1														9	9	32	
50/ 49			.7																6	6	20	
48/ 47			.1	.1															2	2	20	
46/ 45		.1																	1	1	5	
44/ 43		.1																	1	1	3	
42/ 41																					2	
40/ 39																						
38/ 37																						
34/ 33																						
TOTAL	3.8	28.0	33.5	23.7	7.2	2.9	.6	.4												819		819
																			819		819	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	5400598	65890	80.5	11.036	819							
Dry Bulb	3513056	53374	65.2	6.512	819			39.4	13.1	1.0		93
Wet Bulb	3120619	50277	61.4	6.466	819			21.2	2.4			93
Dew Point	2880122	48184	58.8	7.444	819			14.9	1.1			93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | AUG MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 97									.0			.0	.0					5	5		
6/ 95							.0	.0		.0	.0							8	8		
4/ 93							.0	.0	.0	.1								9	9		
/ 91								.0	.1	.1	.0							17	17		
/ 89						.0	.0	.1	.2	.1	.1	.0	.0					41	41		
8/ 87						.0	.3	.3	.2	.2	.0		.0		.0			72	72		
6/ 85						.1	.3	.2	.1	.1	.1	.0	.0	.0	.0			70	70		
4/ 83				.0	.0	.2	.5	.2	.3	.2	.2	.0						107	107	2	
/ 81				.0	.2	.4	.5	.4	.4	.2	.3	.0		.0				164	164	7	
/ 79	.0			.1	.5	.9	.6	.5	.4	.3	.2	.0						228	228	13	5
7/ 77			.0	.3	.7	1.0	.7	.8	.5	.2	.1	.1						284	284	60	9
6/ 75	.0		.2	.8	1.1	.9	.9	.6	.4	.2	.1							338	338	107	25
4/ 73	.0		.7	1.2	1.5	1.2	1.2	.6	.4	.1								456	457	238	78
/ 71	.1		1.1	1.6	1.2	1.4	.8	.7	.3	.1								477	477	275	170
/ 69	.1		2.3	2.6	1.3	1.8	1.0	.4	.3	.0	.0							637	637	438	329
6/ 67	.2		3.0	3.0	1.8	1.5	.6	.4	.2	.1								712	712	624	401
6/ 65	.4		3.8	2.7	1.8	.8	.5	.4	.1	.1	.0							688	688	774	582
4/ 63	.7		2.9	2.1	1.2	.7	.3	.1	.0									525	525	814	606
2/ 61	.5		2.5	1.4	1.0	.4	.2	.1	.0									398	398	763	682
/ 59	.4		1.9	1.6	.7	.2	.1	.0			.0							315	315	626	635
/ 57	.2		1.3	1.8	.4	.2	.1											263	263	422	632
5/ 55	.1		1.4	1.0	.4	.2	.0											207	207	377	466
4/ 53	.1		1.6	.9	.6	.0	.0											204	204	320	437
2/ 51	.1		.9	.8	.1	.0												125	125	242	425
5/ 49	.0		.7	.6	.1													94	94	164	312
4/ 47	.0		.4	.2	.0													42	42	145	236
4/ 45	.0		.2	.2	.0													23	23	65	177
4/ 43			.2	.0														13	13	20	138
2/ 41			.1															8	8	24	72
/ 39																				10	61
/ 37																					29
/ 35																					11
/ 33																					5
2/ 31																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | AUG MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1 / 15																					1
TOTAL	2.9	25.5	22.9	14.5	11.8	8.5	5.8	4.1	2.0	1.4	.3	.1	.1	.1				6530	6531	6530	6530

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	38082412	487344	74.6	16.189	6530							
Dry Bulb	30399011	441803	67.6	8.858	6531			413.1	205.1	69.7	2.5	744
Wet Bulb	25529747	405707	62.1	7.037	6530			201.0	48.7	1.6		744
Dew Point	22818180	382596	58.6	7.844	6530		.8	115.9	13.3	.1		744

FORM AS-66 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 75		.1	.2			.1												4	4		
[illegible]4/ 73		.7			.1													7	7	3	
[illegible] / 71	.1	.5	.2	.1	.4		.1											12	12	9	9
/ 69	.2	.5	.7	.4		.2												17	17	7	9
6 / 67		1.1	1.6	.6	.2													29	29	10	3
[illegible]6/ 65	.1	1.5	1.5	.7														31	31	22	11
[illegible]4/ 63	.9	1.6	1.4	1.1														40	40	36	32
[illegible]2/ 61		3.2	2.4	1.1	.1	.2												57	57	26	19
[illegible] / 59	.2	4.6	5.6	1.9	.5	.1												104	104	67	38
[illegible] / 57	.4	1.4	2.7	1.6	.4													52	52	61	58
[illegible] / 55		3.4	2.2	.7	.2													53	53	66	47
[illegible]4/ 53		4.4	2.6	1.4	.2													69	69	69	65
[illegible]2/ 51		2.6	3.5	.5														53	53	64	64
5 / 49		2.7	3.1	.9														54	54	60	59
[illegible] / 47		2.5	1.5	.9	.1													40	40	56	65
[illegible] / 45		3.5	2.1	.2	.1													48	48	47	36
[illegible]4/ 43	.2	4.0	2.5	.2														56	56	61	55
[illegible]2/ 41		1.9	1.7															29	29	45	62
4 / 39		1.1	.7															15	15	36	46
[illegible] / 37	.4	1.2	1.0															21	21	25	41
[illegible] / 35		.6	.7															11	11	18	29
[illegible] / 33			.1															1	1	8	23
[illegible]2/ 31																				6	16
3 / 29																				1	8
[illegible] / 27																					3
[illegible] / 25																					4
[illegible] / 23																					1
TOTAL	2.6	43.2	38.4	12.5	2.5	.7	.1												803		803
																		803		803	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5418904	65512	81.6	9.617	803							
Dry Bulb	2431019	43609	54.3	8.843	803			7.7	1.2			90
Wet Bulb	2180107	41253	51.4	8.706	803		.8	3.3	.3			90
Dew Point	1976479	39103	48.7	9.496	803		3.6	2.4				90

FORM AS 64 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | SEP MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 71	.1	1.5		.2														15	15	5	3
[illegible] / 69	.2	.7	.4	.1														12	12	12	8
6[illegible] / 67		1.1	.5	.1	.4													17	17	7	9
[illegible]6 / 65	.2	1.1	1.0	.2	.4													24	24	14	11
[illegible]4 / 63	.5	2.4	2.0	.6														44	44	26	14
[illegible] / 61	.2	3.7	2.0	.2														50	50	30	28
[illegible] / 59	.6	3.5	3.5	.5		.1												66	66	56	33
[illegible] / 57	.5	3.7	3.1	.9	.4	.2												71	71	61	53
5[illegible] / 55	.1	4.0	2.6	1.2														64	64	65	50
[illegible]4 / 53	.2	3.7	3.2	1.4														69	69	55	62
[illegible]2 / 51	.4	3.9	2.7	.1														57	57	70	63
5 / 49		3.2	3.5	.1														55	55	72	65
[illegible] / 47		4.4	1.0	.4														46	46	59	47
4[illegible] / 45	.2	3.6	2.4	.5														54	54	61	65
[illegible]4 / 43	.1	3.5	2.2	.4														50	50	43	65
[illegible]2 / 41		3.7	.7															36	36	51	49
4 / 39		3.0	1.1															33	33	46	45
3[illegible] / 37	.2	1.2	.6															17	17	29	39
[illegible] / 35		1.5	.6															17	17	16	34
3 / 33		.4	.1															4	4	19	21
[illegible]2 / 31		.1	.2															3	3	4	23
[illegible] / 29																				3	9
[illegible] / 27																					4
[illegible] / 25																					1
2[illegible] / 23																					1
[illegible]2 / 21																					2
TOTAL	3.9	54.0	33.6	7.1	1.1	.4												804	804	804	804

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5724197	67481	83.9	8.673	804							
Dry Bulb	2306889	42491	52.8	8.734	804		.3	4.9				90
Wet Bulb	2100821	40505	50.4	8.659	804		.8	2.7				90
Dew Point	1926809	38657	48.1	9.347	804		4.5	2.2				90

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7 / 77			.2															2	2		
6/ 75		.1	.1															2	2		
4/ 73		.2	.1				.1											4	4	3	3
/ 71	.1	.9	.1															9	9	6	2
/ 69	.1	.5	.2	.4	.2	.1												13	13	11	10
6 / 67	.2	1.2	.6		.2													19	19	5	8
6/ 65	.4	2.0	1.4	.5	.1													35	35	22	19
4/ 63	.4	2.1	1.1	.9														36	36	26	13
/ 61	.2	3.2	2.0	1.1														53	53	33	25
/ 59	.2	3.4	3.6	.6	.1	.2												66	66	49	31
/ 57	.1	3.6	2.2	1.4	.1	.2												62	62	54	48
5 / 55	.2	4.5	3.0	1.0														70	70	70	43
4/ 53	.6	3.7	3.2	2.1														78	78	61	66
2/ 51		4.1	3.0	.4	.1													61	61	75	70
5 / 49	.4	4.9	2.4	.6	.2													68	68	75	66
/ 47	.2	4.6	.9	.1														47	47	73	70
4 / 45	.2	3.1	1.5	.4														42	42	61	73
4/ 43		3.1	1.6	.2														40	40	44	53
2/ 41	.1	3.7	1.1	.1														41	41	32	49
4 / 39	.1	2.1	1.0															26	26	42	40
3 / 37		1.1	.2															11	11	29	34
/ 35		.9	.7															13	13	14	31
3 / 33		.4	.1															4	4	10	22
2/ 31			.2															2	2	6	10
/ 29																				1	9
2 / 27																				2	3
/ 25																					3
2 / 23																					1
2/ 21																					2
TOTAL	3.9	53.5	30.8	9.8	1.2	.6	.1											804		804	
																		804		804	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5708806	67336	83.8	9.292	804							
Dry Bulb	2360855	43015	53.5	8.608	804		.2	5.5	.9			90
Wet Bulb	2144748	40960	50.9	8.501	804		1.0	2.8	.3			90
Dew Point	1969660	39098	48.6	9.226	804		3.1	2.6	.3			90

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
_/ 91							.1		.1									2	2		
_/ 89							.1											1	1		
8/ 87						.1	.1											2	2		
6/ 85					.1	.1		.1		.1								4	4		
4/ 83					.1					.1								2	2		
_/ 81					.2	.2	.1		.1									6	6		
_/ 79			.1					.1		.1								3	3	1	
_/ 77			.1	.1	.5	.1	.1		.1									9	9	4	
6/ 75	.1		.5	.1	.5	.2	.4	.2										17	17	6	3
4/ 73			.2	.9	.7	1.1	.4	.1	.1		.1							30	30	5	4
_/ 71	.1	.4	.4	.2	.6	.6	.6	.4										27	27	9	8
_/ 69	.1	.4	1.2	.9	.9	1.1	.4	.6										45	45	13	11
6/ 67	.4	.5	.9	.6	1.6	.4	.5											39	39	20	12
6/ 65	.1	1.5	1.2	2.2	1.0	1.1	1.1	.1										68	68	40	20
4/ 63	.1	1.9	1.9	2.6	2.5	1.6	.4											88	88	40	20
2/ 61		1.7	2.0	2.5	2.0	.7	.4											75	75	58	33
_/ 59		1.1	3.1	2.6	2.0	.4												74	74	70	41
_/ 57	.4	2.5	2.7	2.1	2.2	.5												84	84	86	60
5_/ 55		1.6	2.7	2.6	1.2	.2												68	68	95	72
4/ 53	.2	1.2	1.7	2.1	1.5	.5	.2											61	61	97	70
2/ 51		1.1	1.2	.5	.6	.4	.1											32	32	64	73
5 / 49		.2	.9	1.0	.7	.2												25	25	68	64
_/ 47		.2	.6	.2	.5													13	13	34	60
4_/ 45		.2	1.1	.9	.1	.1												20	20	30	70
_4/ 43		.4	.1															4	4	24	52
2/ 41	.1			.1	.1													3	3	26	32
4 / 39				.1														1	1	9	35
3_/ 37																					14
_/ 35																				2	15
3_/ 33																				2	10
_2/ 31																					12
_ / 29																					5
2_/ 27																					3
_/ 25																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | SEP (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2 / 23																					1
2 / 21																					1
/ 19																					1
TOTAL	1.7	15.1	22.9	22.5	19.9	10.0	5.1	1.7	.5	.4	.1							803		803	
																			803		803

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4130243	56381	70.2	14.626	803							
Dry Bulb	3070513	49213	61.3	8.238	803			21.0	8.5	2.1		90
Wet Bulb	2529081	44653	55.6	7.576	803			6.5	1.8			90
Dew Point	2152689	40925	51.0	9.136	803		2.7	4.3	.8			90

USAFETAC FORM AR 64 0-26-5 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | SEP MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
6/ 95											.1							1	1		
9/ 91								.4	.5	.1	.1							9	9		
9/ 89						.1		.1	.1	.1								4	4		
8/ 87							.1	.1			.1							3	3		
6/ 85		.1							.2		.1							4	4		
4/ 83			.2				.2	.1		.7		.4						14	14	1	1
1/ 81					.2	.6	.2	.2	.2	.5	.2							19	19	1	
9/ 79				.1	.4	.5	.2	.6	.5	.9	.1							27	27	2	1
7/ 77		.1	.2	.1	.4	1.0	.4	.7	.4	.5	.1							32	32	6	2
6/ 75			.1	.2	.4	.7	1.0	.5	.4	.5	.1							32	32	6	1
4/ 73				.5	.4	1.4	.7	.5	.4	.1								32	32	11	3
2/ 71		.1		.4	.2	1.2	.7	.5	.5									30	30	14	7
1/ 69	.2	.4	.4	.9	1.5	.7	2.0	1.4	.1	.1								62	62	19	14
6/ 67		.9	1.1	1.7	.9	1.6	1.5	.5	.1									67	67	24	14
6/ 65		.9	1.9	1.9	1.7	2.0	1.1	.5	.1									81	81	44	20
4/ 63		1.0	.9	2.1	2.4	1.6	1.2		.1									75	75	70	19
2/ 61	.2	.7	.9	2.1	1.7	1.6	.4	.1										63	63	75	40
/ 59	.2	.7	2.2	1.4	1.9	2.2	.4	.1										74	74	68	38
5/ 57	.4	1.1	.9	1.1	1.2	1.5	.7		.1									57	57	95	62
5/ 55		1.0	.2	1.1	2.0	1.2	.2	.2										49	49	94	72
4/ 53		.2	.9	.6	.5	.7	.2											26	26	79	58
2/ 51	.1	.1	.5	.2	1.0	.2	.1											19	19	45	72
5/ 49	.2		.5	.2	.2	.1	.1											12	12	55	74
/ 47		.1		.4		.2	.1											7	7	32	49
4/ 45		.1	.4			.1												5	5	26	60
4/ 43																				19	54
2/ 41																				11	38
/ 39																				3	28
/ 37																				2	23
/ 35																				2	16
/ 33																					7
2/ 31																					15
/ 29																					4
/ 27																					3

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2-/ 25																					1
2-/ 23																					3
2 / 19																					4
1-/ 15																					1
TOTAL	1.5	7.7	11.3	15.2	17.0	19.7	11.9	6.7	3.9	3.6	1.1	.4						804	804	804	804

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3203337	48949	60.9	16.673	804							
Dry Bulb	3537953	52829	65.7	9.113	804			37.6	19.8	7.8	.1	90
Wet Bulb	2699074	46178	57.4	7.636	804			9.4	3.0	.2		90
Dew Point	2156347	40901	50.9	9.703	804		3.5	4.8	.9	.2		90

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | SEP MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 94/ 93										.2								2	2		
92/ 91								.2	.2									4	4		
90/ 89								.4	.4		.1							7	7		
88/ 87						.1					.4							4	4		
86/ 85							.1	.2		.2	.1	.1						7	7		
84/ 83				.1	.1	.5	.1	.5	.7	.1		.2	.1					21	21		
82/ 81					.2	.6	.5	.1	.2	.7	.5	.1						25	25		
80/ 79				.1	.2	.4	.4	.5	.7	1.0	.1							28	28	3	
78/ 77				.4		.4	.5	.7	1.0	.1								25	25	4	1
76/ 75	.1	.1		.1	.1	.6	.9	.6	.5		.1							26	26	7	2
74/ 73		.1	.2		.4	.9	.9	.1	.4	.2								26	26	15	2
72/ 71	.1		.4	.2	1.5	.2	.6	1.4	.5	.2								42	42	14	9
70/ 69	.2		.7	.7	1.2	1.4	.9	1.1	.4	.1								55	55	17	13
68/ 67		.5	.7	1.2	1.4	1.2	.7	.2										49	49	28	13
66/ 65		1.4	1.7	2.0	2.0	2.2	.6	.5	.1									85	85	39	19
64/ 63	.1	1.1	1.1	1.5	2.4	2.2	.9	.1	.1									77	77	70	18
62/ 61		1.2	.5	2.6	2.5	1.9	.2	.1	.2									75	75	79	32
60/ 59	.4	1.0	2.1	2.1	2.0	1.4	.4	.4										78	78	70	61
58/ 57	.4	.6	.7	.7	1.2	.4	.9											40	40	95	56
56/ 55	.1	1.1	.9	1.1	2.2	.2	.2	.2										50	50	93	57
54/ 53		.5	.6	1.2	1.2	.2	.7											37	37	76	59
52/ 51		.1	.1	.1	.6	.2	.2											12	12	53	90
50/ 49	.2	.7	.4	.6	.6	.1												22	22	44	68
48/ 47		.2			.1													3	3	41	65
46/ 45				.4		.2	.1											6	6	24	57
44/ 43																				15	52
42/ 41																				10	35
40/ 39																				6	30
38/ 37																					11
36/ 35																				3	9
34/ 33																					16
32/ 31																					15
30/ 29																					3
28/ 27																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 25																					6
24 / 23																					1
[illegible] / 17																					3
TOTAL	1.7	8.8	10.3	15.4	20.1	15.5	9.9	7.6	5.6	3.1	1.4	.5	.1						806		806
																		806		806	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3238748	49254	61.1	16.862	806							
Dry Bulb	3554631	52993	65.7	9.354	806			35.8	19.5	9.6	.2	90
Wet Bulb	2708502	46324	57.5	7.566	806			9.8	3.2			90
Dew Point	2165128	41074	51.0	9.456	806		3.5	4.5	.6			90

FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB, MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 89								.1										1	1		
8/ 87							.1											1	1		
6/ 85						.4					.1							4	4		
4/ 83					.1					.1								2	2		
/ 81						.4	.1	.1		.1								6	6		
/ 79				.4	.4	.1		.5	.1	.1								13	13		
7/ 77				.1	.5	.4		.2	.2									12	12	1	
6/ 75			.2	.1	.6	.4	.2	.4	.2									18	18	6	
4/ 73			.2	.6		.5	.7	.1										18	18	4	2
2/ 71	.1		.4	.9	.7	.2	.6	.1		.1								26	26	11	9
/ 69	.1	.2	.9	.6	.7	.7	.5	.6	.1									37	37	11	6
6/ 67	.2	.2	1.6	.7	.9	.2	.5	.2										38	38	22	14
6/ 65	.2	1.1	2.2	1.9	1.6	1.4	.4											71	71	36	17
4/ 63	.5	1.7	2.2	3.5	1.7	.9	.2	.1										88	88	43	29
2/ 61	.1	1.4	1.1	3.6	.9	.7	.2											65	65	60	28
/ 59	.4	1.5	4.1	2.9	1.7	.4	.1											89	89	73	49
8/ 57	.5	.7	3.6	2.1	2.6	.4		.1										81	81	85	60
6/ 55	.1	1.9	1.2	3.0	1.1	.6	.1											65	65	100	53
4/ 53		.7	1.5	1.7	.5	.2	.1											39	39	79	79
2/ 51	.1	.9	1.6	1.5	.5	.1												38	38	61	74
9/ 49	.2	.9	1.6	1.6	.4	.1												39	39	62	80
6/ 47		.5	.7	.7	.6													21	21	48	48
5/ 45		.4	.9	.6														15	15	33	70
4/ 43		.4	.9	.1	.1	.1												13	13	27	46
2/ 41			.2	.1	.1													4	4	24	41
/ 39																				11	31
8/ 37																				3	17
6/ 35																				3	20
4/ 33																				1	13
2/ 31			.1															1	1		6
0/ 29																					5
8/ 27																				1	3
6/ 25																					2
2/ 21																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | SEP MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
- / 19																					2
TOTAL	2.7	12.5	25.5	26.8	15.9	8.3	4.1	2.7	.7	.5	.1							805	805		805

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4154645	56697	70.4	14.169	805							
Dry Bulb	3044979	49033	60.9	8.519	805		.1	19.7	8.4	2.3		90
Wet Bulb	2509398	44526	55.3	7.612	805		.1	6.1	1.2			90
Dew Point	2134595	40819	50.7	8.977	805		2.1	3.5	.2			90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) SEP (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
7 / 77			.5																4	4		
76 / 75		.4	.2			.2	.1												8	8		
74 / 73			.4		.2	.4	.1												9	9	8	2
72 / 71			.7	.5	.1	.1													12	12	1	7
70 / 69		.4	1.7	.2	.4	.4													25	25	3	
68 / 67		.6	2.1	.7	.9		.1												36	36	13	6
66 / 65	.1	2.1	1.7	1.4	.2	.1	.1												47	47	30	14
64 / 63	.1	1.0	1.5	1.4	.2	.4	.1												38	38	45	31
62 / 61	.2	3.7	2.2	2.5	1.2	.1													81	82	37	32
60 / 59	.1	2.5	4.1	2.1	.4	.2													76	76	60	39
58 / 57		1.9	4.7	2.2	.9	.1													79	79	61	51
56 / 55	.6	3.5	2.1	1.1	.2														61	61	75	65
54 / 53		2.5	2.0	1.7	.7														56	56	100	55
52 / 51	.1	2.6	2.4	1.5	.1														54	54	58	74
50 / 49	.2	2.2	3.2	.6															51	51	53	76
48 / 47		3.0	2.6	.6															50	50	65	48
46 / 45		2.0	1.2	.6	.4														34	34	62	57
44 / 43	.1	2.1	2.0	.9															41	41	40	62
42 / 41	.1	.6	1.6	.1															20	20	32	53
40 / 39	.2	.2	.9	.1															12	12	28	45
38 / 37		.1	.4																4	4	18	27
36 / 35		.4																	3	3	8	18
34 / 33																					4	13
32 / 31			.2																2	2		16
30 / 29			.1																1	1		7
28 / 27																					3	3
26 / 21																						3
TOTAL	2.1	31.8	38.8	18.4	6.1	2.1	.6													805		804
																			804		804	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5072338	63288	78.7	10.618	804							
Dry Bulb	2600136	45232	56.2	8.538	805		.3	10.5	2.3			90
Wet Bulb	2278575	42297	52.6	8.155	804		.3	2.8	.9			90
Dew Point	2034049	39787	49.5	9.006	804		3.2	1.7	.2			90

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | SEP MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
96/ 95											.0							1	1		
94/ 93										.0								2	2		
92/ 91							.0	.1	.1	.0	.0							15	15		
90/ 89						.0	.0	.1	.1	.0	.0							13	13		
88/ 87						.0	.0	.0			.1							10	10		
86/ 85		.0			.0	.1	.0	.0	.0	.0	.0	.0						19	19		
84/ 83			.0	.0	.0	.1	.0	.1	.1	.1		.1	.0					39	39	1	1
82/ 81					.1	.2	.1	.1	.1	.2	.1	.0						56	56	1	
80/ 79			.0	.1	.1	.1	.1	.2	.2	.3	.0							71	71	6	1
78/ 77		.0	.1	.1	.2	.2	.1	.2	.2	.1	.0							84	84	15	3
76/ 75	.0	.1	.2	.1	.2	.3	.3	.2	.1	.1	.0							107	107	25	6
74/ 73		.1	.2	.2	.2	.5	.4	.1	.1	.0	.0							126	126	49	16
72/ 71	.1	.4	.3	.3	.5	.3	.3	.3	.1	.0								173	173	69	54
70/ 69	.2	.4	.8	.5	.6	.6	.5	.5	.1	.0								266	266	93	71
68/ 67	.1	.8	1.2	.7	.8	.4	.4	.1	.0									294	294	129	79
66/ 65	.2	1.4	1.6	1.4	.9	.9	.4	.1	.0									442	442	247	131
64/ 63	.3	1.6	1.5	1.7	1.2	.8	.4	.0	.0									486	486	356	176
62/ 61	.1	2.4	1.6	2.0	1.1	.7	.2	.0	.0									519	520	398	237
60/ 59	.3	2.3	3.5	1.8	1.1	.6	.1	.1										627	627	513	330
58/ 57	.3	1.9	2.6	1.5	1.1	.4	.2	.0	.0									526	526	598	448
56/ 55	.2	2.6	1.9	1.5	.9	.3	.1	.1										480	480	658	459
54/ 53	.1	2.1	2.0	1.5	.6	.2	.2											435	435	616	514
52/ 51	.1	1.9	1.9	.6	.4	.1	.1											326	326	490	580
50/ 49	.2	1.9	1.9	.7	.3	.1	.0											326	326	489	552
48/ 47	.1	1.9	.9	.4	.2	.0	.0											227	227	408	452
46/ 45	.1	1.6	1.2	.5	.1	.1	.0											224	224	344	488
44/ 43	.1	1.7	1.2	.2	.0	.0												204	204	273	439
42/ 41	.1	1.2	.7	.1	.0													133	133	231	359
40/ 39	.0	.8	.5	.0														87	87	181	300
38/ 37	.1	.5	.3															53	53	106	206
36/ 35		.4	.3															44	44	66	172
34/ 33		.1	.0															9	9	44	125
32/ 31		.0	.1															8	8	16	113
30/ 29			.0															1	1	5	50

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | SEP MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2 / 27																				6	25
2 / 25																					18
2 / 23																					8
2/ 21																					9
2 / 19																					7
1 / 17																					3
1 / 15																					1
TOTAL	2.5	28.3	26.4	16.0	10.5	7.2	4.0	2.3	1.3	.9	.3	.1	.0						6434		6433
																		6433		6433	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	36651214	474898	73.8	15.739	6433							
Dry Bulb	22906975	378415	58.8	10.056	6434		1.0	142.8	60.8	21.9	.3	720
Wet Bulb	19150304	346696	53.9	8.509	6433		3.0	43.4	10.9	.2		720
Dew Point	16517752	320364	49.8	9.361	6433		26.2	25.9	3.0	.2		720

USAFETAC FORM 0-26-5 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | OCT MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 71				.1														1	1		
[illegible] / 69			.1	.1														2	2		
6[illegible] / 67			.2	.1														3	3		
[illegible]6 / 65		.2		.1	.4													6	6	3	
[illegible]4 / 63		.7	.7	.1														13	13	10	5
[illegible]2 / 61		.7	.2	.2	.1	.4												14	14	1	7
[illegible] / 59		1.6	.5	.1														18	18	18	11
[illegible] / 57		1.7	.8	.5														25	25	18	13
5[illegible] / 55	.2	1.7	.7	.7	.4													31	31	25	18
[illegible]4 / 53		4.1	1.2	.4	.4	.1												51	51	25	18
[illegible]2 / 51		2.4	.4	1.7	.1													38	38	43	35
5 / 49	.1	3.6	2.2	2.0	.1													67	67	41	33
4[illegible] / 47	.1	3.1	2.5	1.7	.2													64	64	43	45
4[illegible] / 45	.1	3.3	3.7	2.3														79	79	63	33
[illegible]4 / 43		3.6	2.5	1.4														63	63	73	29
[illegible]2 / 41	.2	2.0	4.7	.8														65	65	78	63
4 / 39	.1	4.4	5.4	.7	.4													92	92	66	55
3[illegible] / 37		3.7	2.4	.7														57	57	90	57
[illegible] / 35		3.1	1.3	.2														39	39	63	93
3[illegible] / 33		2.6	1.3	.2														35	35	64	70
[illegible]2 / 31	.1	2.7	.5	.7														34	34	32	80
3 / 29	.1	1.6	1.0	.2														24	24	32	46
2[illegible] / 27		.6	.1															6	6	22	29
[illegible] / 25		.2	.4															5	5	17	31
2[illegible] / 23		.1	.2															3	3	5	16
[illegible]2 / 21																				3	14
[illegible] / 19		.2																2	2	1	10
1[illegible] / 17																				1	8
1[illegible] / 15																					12
1[illegible] / 13																					5
1[illegible] / 11																					1
TOTAL	1.2	48.0	33.0	15.3	2.0	.5													837		837
																		837		837	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5202435	65303	78.0	11.338	837							
Dry Bulb	1726838	37294	44.6	8.827	837		8.2	.7				93
Wet Bulb	1514676	34848	41.6	8.736	837		12.6					93
Dew Point	1290629	31755	37.9	10.135	837		28.0					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | HURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | OCT (MONTH)

0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
6 / 67			.6	.1															6	6		
66/ 65		.4																	3	3	1	
4/ 63		.4	.1		.1														5	5	11	4
6/ 61	.4	1.0	.1	.2		.1													15	15	5	9
/ 59		.8	.8	.2	.1														17	17	11	11
/ 57		1.8	.8																22	22	8	7
5/ 55	.6	2.4	.5	.1															30	30	32	18
4/ 53	.4	2.5	1.0	.8	.1														40	40	31	24
2/ 51	.2	2.4	.7	.6															33	33	26	38
5 / 49		2.3	1.8	2.3	.4														56	56	34	21
/ 47	.2	3.5	2.0	1.6	.1														62	62	34	30
4 / 45	.4	4.7	3.2	1.3															80	80	63	32
4/ 43	.1	3.9	2.0	.4															54	54	74	38
2/ 41		2.7	3.5	1.2															62	62	77	55
4 / 39		5.0	5.4	.8	.1														95	95	53	61
3 / 37	.1	5.6	3.1	.5															78	78	82	54
/ 35	.2	4.4	1.4	.7															57	57	94	89
3 / 33	.2	3.1	.5	.2															34	34	69	70
2/ 31	.1	3.6	1.1	.4															43	43	37	78
/ 29	.1	1.6	.8	.1															22	22	40	65
/ 27		.4	.2																5	5	24	33
/ 25		1.0	.2																10	10	12	27
/ 23		.5																	4	4	11	16
2/ 21		.1																	1	1	4	20
/ 19		.2																	2	2	1	12
/ 17		.1																	1	1	3	10
/ 15																						7
/ 13																						7
/ 11																						1
TOTAL	3.1	54.2	30.0	11.6	1.0	.1														837		837
																			837		837	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5428195	66787	79.8	10.884	837							
Dry Bulb	1638077	36287	43.4	8.811	837		9.8	.7				93
Wet Bulb	1456284	34122	40.8	8.833	837		14.7					93
Dew Point	1255284	31282	37.4	10.151	837		30.7					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72c395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 69				.2														2	2		
/ 67			.4	.1														4	4		
6/ 65		.4																3	3		
4/ 63		.4																3	3	9	3
/ 61		1.6	.4															16	16	12	9
/ 59		1.8	.5	.1														20	20	10	12
/ 57		1.9	1.3	.4														30	30	17	15
5 / 55	.4	1.1	.6	.2														19	19	22	14
4/ 53	.4	2.9	.6	1.2	.5													46	46	32	25
2/ 51	.1	1.6	.5	.2														20	20	28	26
5 / 49	.1	3.1	2.4	.8	.1													55	55	24	31
4 / 47	.4	4.2	3.1	1.6														77	77	48	28
4 / 45	.2	3.1	2.9	.8	.1													60	60	63	40
4/ 43	.2	3.6	3.5	1.1														70	70	63	40
2/ 41		3.6	4.2	.4	.1													69	69	74	48
4 / 39	.1	6.1	2.9	1.2														86	86	65	59
3 / 37	.5	6.1	1.6	.7														74	74	93	67
/ 35	.2	4.7	1.3															52	52	78	93
3 / 33		4.7	.5	.5														47	47	65	60
2/ 31	.4	1.9	1.1	.4														31	31	46	91
/ 29		1.7	1.3	.1														26	26	25	48
/ 27	.2	1.1	.4															14	14	30	28
/ 25		.7	.1															7	7	17	30
/ 23		.4																3	3	10	11
2/ 21		.2																2	2	3	19
/ 19		.1																1	1	2	19
/ 17																				1	7
1 / 15																					9
/ 13																					3
1 / 11																					2
TOTAL	3.2	56.6	29.3	10.0	.8														837		837
																		837		837	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5529918	67444	80.6	10.682	837							
Dry Bulb	1637786	36280	43.3	8.833	837		9.3	.7				93
Wet Bulb	1462879	34205	40.9	8.821	837		14.9					93
Dew Point	1271268	31500	37.6	10.130	837		29.7					93

FORM AS-44 0-26-5 (OL A) USAFETAC (REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | WURTSMITH AFB, MI (STATION NAME) | 73-81 (YEARS) | OCT (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7 / 77						.1												1	1		
6 / 75					.1	.2												3	3		
4 / 73					.1													1	1		
/ 71				.2														2	2		
/ 69			.1	.2	.1		.1											5	5		
6 / 67		.1	.4		.2		.2											8	8	3	
6 / 65	.1	.4	.5	1.0	.5	.6			.1									26	26	9	3
4 / 63		1.4	.5	.7	.4	.6	.2											32	32	11	5
/ 61		.2	.5	.7	.5	.1	.2											19	19	17	22
/ 59		.7	1.6	1.2	1.1	.7	.1											45	45	15	6
/ 57		1.1	.7	1.0	.4	.4	.2											31	31	26	11
5 / 55		2.2	1.0	1.6	1.1		.1											49	49	43	26
4 / 53	.2	2.0	2.0	1.7	1.1	.5												63	63	37	32
2 / 51	.1	1.4	2.4	2.0	1.7	.6	.1											70	70	48	33
5 / 49		1.2	3.2	3.2	1.2	.6												79	79	58	36
/ 47		1.2	2.9	3.7	1.6													78	78	71	38
4 / 45	.1	2.4	3.8	3.6	.6													88	88	66	42
4 / 43		1.7	3.1	2.3	.8													66	66	82	59
2 / 41		1.1	3.2	1.9	1.0													60	60	100	62
4 / 39		1.2	1.9	1.4	.7													44	44	75	60
3 / 37		1.0	.6	1.1	.2													24	24	58	76
/ 35		.5	.5	1.2	.5													22	22	42	64
3 / 33		.2	1.1	.6														16	16	29	63
2 / 31			.1	.5														5	5	18	62
/ 29																				18	37
2 / 27																				8	27
2 / 25																				3	12
2 / 23																					11
2 / 21																					21
/ 19																					13
1 / 17																					4
1 / 15																					5
1 / 13																					7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | OCT MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.6	20.0	30.0	29.7	13.7	4.4	1.4		.1									837	837	837	837

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4213623	58249	69.6	13.831	837							
Dry Bulb	2124948	41578	49.7	8.469	837		.6	2.2	.6			93
Wet Bulb	1756963	37711	45.1	8.322	837		5.2	.3				93
Dew Point	1408982	33242	39.7	10.304	837		22.1					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 83								.2										2	2		
-/ 81							.1											1	1		
-/ 79						.1	.1											2	2		
7-/ 77					.2				.1									3	3		
76/ 75					.5	.4	.1		.2	.1								11	11		
4/ 73					.1	.2	.4	.1	.1									8	8		
-/ 71					.2	.4	.1											6	6	1	
-/ 69				.1	.7	.4	.5	.6										21	21	6	
6-/ 67		.5	.7	.2	.7	.7	.5	.4	.2									33	33	7	1
-6/ 65		.7	.6	1.0	.2	.4	1.2	.6	.2	.1								42	42	10	4
-4/ 63		.5	.4	.7	.4	.8	.7	.4	.2									34	34	16	16
62/ 61		.1	.5	.8	1.0	1.8	.6	.1	.2									43	43	25	14
-0/ 59		.4	.7	.7	1.4	1.3	.7	.2										46	46	26	14
5-/ 57		.5	1.3	1.4	.7	.8	.2	.1										43	43	30	6
5-/ 55		.7	1.0	1.4	1.6	1.2	.1	.1	.1									52	52	38	31
-4/ 53		.6	1.7	2.5	1.0	1.0	.7	.2										64	64	51	19
-2/ 51		.2	1.8	1.2	3.4	1.3	.2											68	68	66	26
5 / 49		1.0	2.8	3.2	3.5	1.8	.1											103	103	60	38
4-/ 47		.8	1.2	1.4	2.8	.4												55	55	70	42
4-/ 45		1.3	2.2	2.6	2.8	.7												80	80	70	50
-4/ 43		.4	1.1	1.0	1.2	.5												34	34	78	73
-2/ 41		.4	.7	1.9	.5	.4												32	32	96	59
4 / 39		.4	.8	.8	.7	.1												24	24	58	45
3-/ 37		.1	.1	.5	.8	.1												14	14	47	70
3-/ 35			.1	.6	.4													9	9	32	52
3-/ 33			.2	.2														4	4	16	54
2-/ 31																				13	59
3 / 29																				16	41
2-/ 27																				2	18
2-/ 25																					31
2-/ 23																					22
2-/ 21																					12
-/ 19																					12
1-/ 17																					14

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | OCT MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1 / 15																					5
1 / 13																					3
1 / 11																					3
TOTAL		8.5	17.9	22.5	24.7	14.7	6.5	3.4	1.6	.2									834		834
																		834		834	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3247729	50457	60.5	15.303	834							
Dry Bulb	2482072	44832	53.8	9.304	834			9.7	3.0	.4		93
Wet Bulb	1905065	39217	47.0	8.555	834		3.5	1.6				93
Dew Point	1410358	33052	39.6	10.983	834		24.5	.1				93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | OCT MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
6/ 85								.1											1	1		
-4/ 83								.1											1	1		
-/ 81							.1	.1											2	2		
/ 79							.1	.1											2	2		
7-/ 77							.1												1	1		
76/ 75					.4	.1	.1	.2	.4										10	10		
-4/ 73				.2			.4	.1	.2										8	8		
72/ 71				.4	.4	.4		.2											11	11	1	
/ 69			.2	.5	.2	.2	.4	.4	.2										18	18	4	
6-/ 67		.2	.4	.1	.6	.2	.6	.7	.4										27	27	8	
66/ 65		.8	1.1	.8	.1	.7	.5		.2										36	36	9	7
-4/ 63		.4	1.0	.5	.6	1.6	.2	.2	.4										40	40	20	15
-2/ 61		.1	.8	.5	1.6	.8	1.6	.2	.2										49	49	25	12
/ 59		.6	.6	.8	1.2	1.2		.1	.1										39	39	27	14
5-/ 57		.6	.8	2.6	1.9	.5	.2												56	56	30	21
5-/ 55		1.1	.5	1.7	1.4	1.4	.1		.1										53	53	38	20
4/ 53		.4	1.3	2.2	1.1	.5	.1	.1											47	47	63	17
2/ 51	.1	1.1	1.4	.5	1.4	.8	.4	.1											49	49	52	29
5-/ 49		.8	3.7	3.9	2.7	1.8	.6												114	114	72	44
4-/ 47		1.1	1.9	2.3	2.9	.6	.1												74	74	61	44
4-/ 45		.8	1.6	2.9	2.0	.5													65	65	71	61
44/ 43		.5	1.9	1.4	1.4	.2													46	46	76	66
42/ 41		.5	.6	1.2	1.4														31	31	72	52
4 / 39	.1	.6	.8	.5	.8	.4													27	27	73	60
3-/ 37		.2	.4	.8	.5	.1													17	17	54	56
36/ 35		.2	.1	.7	.5														13	13	32	53
34/ 33																					20	51
32/ 31																					12	54
/ 29																					13	38
-8/ 27																					4	26
26/ 25																						30
24/ 23																						15
22/ 21																						17
2 / 19																						9

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | HURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | OCT (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 17																					11
1 / 15																					8
1 / 13																					3
1 / 11																					2
/ 9																					2
TOTAL	.2	10.0	19.1	24.5	23.2	12.1	5.6	3.0	2.3										837		837
																		837		837	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3811694	51794	61.9	15.722	837							
Dry Bulb	2466963	44759	53.5	9.373	837			9.0	2.8	.4		93
Wet Bulb	1912495	39351	47.0	8.642	837		3.2	1.4				93
Dew Point	1436730	33418	39.9	11.072	837		23.9					93

USAFETAC FORM 26 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) wURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75					.1	.1												2	2		
74/ 73				.2	.1													3	3		
72/ 71			.1															1	1		
70/ 69			.2	.4														5	5		
68/ 67						.4	.1											4	4	5	
66/ 65		.6	.2	.2	.1	.2	.1											13	13	4	3
64/ 63		1.2	.6	.2	.1	.4	.1											22	22	16	9
62/ 61		1.6	.6	1.3	.6	.7	.1											41	41	4	14
60/ 59	.1	.6	.7	1.0	.2	.4	.4											28	28	26	10
58/ 57	.2	.7	1.1	1.3	.7	.4	.1	.2										40	40	22	16
56/ 55	.2	1.7	1.6	1.2	1.2	.6												54	54	29	16
54/ 53	.2	1.4	2.3	2.3	.7	.1	.4											62	62	39	27
52/ 51		2.2	3.5	1.6	.5	.2												66	66	46	25
50/ 49	.2	1.9	2.9	2.6	1.0	.1	.2											75	75	67	37
48/ 47		2.0	2.6	3.0	.8	.4												74	74	78	54
46/ 45		2.3	3.1	3.8	1.8	.1												93	93	68	45
44/ 43		1.2	2.5	2.7	.8													61	61	73	68
42/ 41		1.6	2.4	2.2	.8													58	58	76	55
40/ 39	.1	1.2	1.9	2.5	.4													51	51	72	61
38/ 37		1.0	1.2	1.3	.2													31	31	65	49
36/ 35		.6	1.1	.7														20	20	51	69
34/ 33		.7	.2	1.3	.1													20	20	40	43
32/ 31			.4	.2														5	5	24	75
30/ 29		.1	.1	.1														3	3	12	35
28/ 27			.2															2	2	11	24
26/ 25			.2															2	2	4	39
24/ 23																				2	15
22/ 21		.1																1	1	2	11
20/ 19																				1	13
18/ 17																					9
16/ 15																					7
14/ 13																					4
12/ 11																					2
10/ 9																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 WURTSMITH AFB,MI 73-81 OCT
STATION STATION NAME YEARS MONTH

 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.2	22.6	29.7	30.2	10.4	4.1	1.6	.2										837	837	837	837

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_n	No. Obs.	Norm No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4303444	58822	70.3	14.243	837							
Dry Bulb	2064376	40950	48.9	8.536	837		1.4	1.7	.6			93
Wet Bulb	1717542	37236	44.5	8.543	837		6.2	.6				93
Dew Point	1383316	32834	39.2	10.677	837		26.2					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 WURTSMITH AFB, MI 73-81 OCT
STATION STATION NAME YEARS MONTH

 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75					.1													1	1		
74/ 73					.1													1	1		
72/ 71				.4														3	3		
/ 69				.1		.4												4	4		
68/ 67			.6															5	5	2	
66/ 65		.4	.2	.1														6	6	5	
64/ 63	.1	.8	.5	.5		.2												18	18	11	11
62/ 61		1.9	.1	.5	.2	.2												25	25	10	9
60/ 59	.2	.6	.6	.4	.2													17	17	23	14
/ 57	.1	.4	1.2	.1	.2													17	17	11	18
56/ 55	.2	1.6	1.1	1.1	.8	.5												44	44	21	6
54/ 53	.1	2.5	1.2	.8	.8	.1												47	47	32	19
52/ 51		3.3	1.8	1.3	1.1	.1												64	64	34	33
50/ 49		3.7	2.2	2.0	.6													71	71	52	45
48/ 47	.1	3.7	3.1	1.4	.6													75	75	62	30
46/ 45		3.1	2.6	2.3	.4													70	70	80	47
44/ 43		2.6	2.7	2.5	.4													69	69	79	55
42/ 41	.1	1.8	3.0	1.6	.4													57	57	58	61
40/ 39		2.9	3.6	1.3	.1													66	66	66	54
38/ 37		2.3	2.3	1.1														47	47	70	53
36/ 35		2.7	1.9	.4														42	42	55	59
34/ 33		1.8	1.3	.1														27	27	61	54
32/ 31	.2	2.3	1.4	.8														40	40	36	94
30/ 29		.5	.6															9	9	31	39
28/ 27		.1	.5															5	5	18	34
26/ 25			.4															3	3	9	39
24/ 23			.1															1	1	4	18
22/ 21			.1															1	1	4	10
20/ 19		.2																2	2	1	13
18/ 17																				2	3
16/ 15																					11
14/ 13																					3
12/ 11																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | OCT MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.3	39.2	33.1	18.8	6.1	1.6												837	837	837	837

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4882151	63101	75.4	12.228	837							
Dry Bulb	1841340	38510	46.0	9.119	837		6.8	1.6	.2			93
Wet Bulb	1586819	35659	42.6	8.994	837		11.7	.2				93
Dew Point	1327596	32144	38.4	10.555	837		29.9					93

FORM AS-54 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) wURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 85								.0										1	1		
4/ 83								.0										3	3		
2/ 81							.0	.0										3	3		
/ 79						.0	.0	.0										4	4		
7 / 77					.0	.0	.0		.0									5	5		
76/ 75					.1	.1	.0	.0	.1	.0								27	27		
4/ 73				.1	.1	.0	.1	.0	.0									21	21		
2/ 71			.0	.1	.1	.1	.0	.0										24	24	2	
/ 69			.1	.2	.1	.1	.1	.1	.0									57	57	10	
6 / 67		.1	.4	.1	.2	.2	.2	.1	.1									90	90	25	1
6/ 65	.0	.5	.3	.4	.2	.2	.2	.1	.1	.0								135	135	41	17
4/ 63	.0	.7	.5	.3	.2	.4	.2	.1	.1									167	167	104	68
2/ 61	.0	.9	.4	.5	.5	.5	.3	.0	.1									222	222	99	96
0/ 59	.0	.9	.7	.6	.5	.4	.1	.0	.0									230	230	156	92
5 / 57	.0	1.1	1.0	.9	.5	.3	.1	.0										264	264	162	107
5/ 55	.2	1.5	.9	1.0	.8	.5	.0	.0	.0									332	332	248	149
4/ 53	.2	2.0	1.4	1.5	.7	.3	.1	.0										420	420	310	181
2/ 51	.1	1.8	1.6	1.1	1.0	.4	.1	.0										408	408	343	245
5 / 49	.1	2.2	2.6	2.5	1.2	.5	.1											620	620	408	285
4 / 47	.1	2.5	2.4	2.1	1.1	.2	.0											559	559	467	311
4/ 45	.1	2.6	2.9	2.5	1.0	.2												615	615	544	350
4/ 43	.0	2.2	2.4	1.6	.6	.1												463	463	598	428
2/ 41	.0	1.7	2.8	1.4	.5	.0												434	434	631	455
4 / 39	.1	2.7	2.8	1.2	.4	.1												485	485	528	455
3 / 37	.1	2.5	1.4	.8	.2	.0												342	342	559	482
2/ 35	.1	2.0	1.0	.6	.2													254	254	447	572
3/ 33	.0	1.6	.6	.4	.0													183	183	364	465
2/ 31	.1	1.3	.6	.4														158	158	218	593
3 / 29	.0	.7	.5	.1														84	84	187	349
2/ 27	.0	.3	.2															32	32	119	219
/ 25		.2	.2															27	27	62	239
2/ 23		.1	.0															11	11	32	124
2/ 21		.1	.0															5	5	16	124
/ 19		.1																7	7	6	101

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | OCT MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 17		.0																1	1	7	66
16 / 15																					64
14 / 13																					35
12 / 11																					16
10 / 9																					4
TOTAL	1.4	32.4	27.8	20.3	10.2	4.7	1.9	.8	.5	.0									6693		6693
																		6693		6693	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	36219189	481957	72.0	15.041	6693							
Dry Bulb	15982400	320486	47.9	9.751	6693		36.1	26.1	7.1	.9		744
Wet Bulb	13312723	292349	43.7	9.008	6693		71.9	4.1				744
Dew Point	10784163	259227	38.7	10.544	6693		215.0	.1				744

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB, MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 61		.1	.2															3	3		
[illegible] / 59		.1		.1														2	2	2	
[illegible] / 57	.1	1.7	.1	.4														13	13	7	5
5[illegible] / 55		1.6	.9	.1	.2													23	23	10	5
[illegible]4 / 53		.4	.2	.2														7	7	12	12
[illegible]2 / 51		1.7	.2	.2	.4													21	21	19	10
5 / 49	.4	1.4	.5	.2	.2													22	22	12	22
[illegible] / 47	.4	.9	.4	.4	.1													17	17	19	13
4[illegible] / 45	1.1	1.7	.6															28	28	28	23
[illegible]4 / 43	1.[illegible]	2.3	1.1	1.1														45	45	31	22
[illegible]2 / 41	.2	1.9	1.9	.5														36	36	29	20
4 / 39	.2	3.1	3.0	1.1														60	60	34	22
3 / 37	.4	2.3	3.3	1.5														61	61	53	33
[illegible] / 35	.5	4.2	3.0	1.0														70	70	51	36
3 / 33	.4	3.6	4.3	.6														72	72	78	39
[illegible]2 / 31	.5	7.5	5.2	.7														113	113	74	55
[illegible] / 29	.6	3.8	4.4															72	72	111	63
[illegible] / 27	.2	4.0	1.9															49	49	66	79
[illegible] / 25		3.2	1.7															40	40	70	52
2[illegible] / 23		1.7	.4															17	17	49	42
[illegible]2 / 21	.1	1.0	.2															11	11	23	68
[illegible] / 19	.5	1.5	.4															19	19	9	74
1[illegible] / 17		.1	.1															2	2	12	46
1[illegible] / 15		.1																1	1	5	29
1[illegible] / 13		.2																2	2		19
1 / 11		.1																1	1	2	7
[illegible] / 9		.4																3	3	1	4
[illegible] / 7																				3	
[illegible] / 5																					2
[illegible] / 3																					5
[illegible] / -1																					3
TOTAL	6.7	50.0	34.1	8.3	1.0														810		810
																		810		810	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4902425	62245	76.8	12.137	810							
Dry Bulb	1113458	29114	35.9	9.101	810		36.7					90
Wet Bulb	975898	27142	33.5	9.060	810		47.2					90
Dew Point	782364	23612	29.2	10.783	810	.3	60.9					90

FORM AA 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | WURTSMITH AFB, MI (STATION NAME) | 73-81 (YEARS) | NOV (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 61			.1															1	1		
[illegible] / 59		.2	.1															3	3		
[illegible] / 57		.6																5	5	6	1
5[illegible] / 55	.4	.7	.5	.2														15	15	8	10
4 / 53		.7	.1	.2														9	9	5	4
2 / 51	.1	1.5	.1	.4														17	17	18	7
5 / 49	.9	1.4	.2	.2	.1													23	23	15	23
[illegible] / 47	1.2	1.6	.5	.2														27	27	25	15
4 / 45	.5	1.5	.5	.2		.1												23	23	23	21
4 / 43	.4	3.3	1.0	.5														42	42	30	17
[illegible]2 / 41	.4	2.0	1.6	1.0	.4													43	43	27	34
4 / 39		3.3	2.1	.4														44	44	30	12
3 / 37	.5	4.4	2.6	.4														64	64	49	36
3 / 35	.1	5.7	2.6	.9														75	75	62	33
3[illegible] / 33	.6	4.4	3.6	.1														71	71	79	43
[illegible]2 / 31	.2	4.8	4.2	.6														80	80	69	68
3 / 29	1.4	5.1	4.7															90	90	83	67
2 / 27	.6	5.7	3.0															75	75	79	48
[illegible] / 25		4.0	1.0															40	40	91	62
2[illegible] / 23		2.1	.7															23	23	52	40
[illegible]2 / 21	.4	1.4																14	14	26	74
/ 19	.4	.6	.5															12	12	13	70
1 / 17		.2	.1															3	3	3	51
1[illegible] / 15		.2																2	2	5	40
[illegible] / 13		.4																3	3	3	12
1 / 11		.2																2	2	3	3
/ 9		.2																2	2	3	1
/ 7		.2																2	2	1	4
[illegible] / 5																				2	3
/ 3																					4
/ 1																					4
/ -1																					3
TOTAL	7.8	56.3	29.9	5.4	.5	.1												810	810		810
																		810		810	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5057974	63274	78.1	11.936	810							
Dry Bulb	1062729	28445	35.1	8.882	810		38.7					90
Wet Bulb	941073	26653	32.9	8.898	810		48.1					90
Dew Point	762301	23307	28.8	10.644	810	.3	61.6					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726397 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | NOV MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 59		.4																3	3	1	
/ 57	.2	.2																4	4	5	4
/ 55	.5	.5	.2															10	10	5	6
/ 53	.4	1.0	.2															13	13	9	6
/ 51	.5	1.5	.2															18	18	19	14
/ 49	.2	1.5	.5	.1	.2													21	21	11	15
/ 47	.2	1.9	.1	.2														20	20	18	11
/ 45	.2	2.6	.7	.5														33	33	26	20
/ 43	.6	2.5	.7	.7														37	37	28	25
/ 41	.4	2.8	1.9	.1														42	42	36	27
/ 39	.2	2.8	1.7	.9	.4													49	49	43	26
/ 37		4.3	3.1	.6														65	65	30	24
/ 35	.4	3.8	2.5	.7														60	60	61	32
/ 33	.7	3.7	3.8	.2														69	69	72	40
/ 31	.2	6.3	4.7	.4														94	94	62	68
/ 29	.5	4.8	4.4															79	79	94	48
/ 27	.4	5.8	2.8															73	73	79	64
/ 25	.2	3.2	1.4															39	39	86	57
/ 23	.1	2.5	.2															23	23	45	49
/ 21	.6	2.3	.4															27	27	37	73
/ 19	.4	.6	.1															9	10	15	71
/ 17	.1	.4	.4															7	7	6	49
/ 15		.4	.1															4	4	4	38
/ 13		.4																3	3	7	14
/ 11		.1																1	1	3	5
/ 9		.4																3	3	2	2
/ 7		.1																1	1	2	2
/ 5		.2																2	2	1	7
/ 3																				2	4
/ 1																					3
/ -1																					2
/ -3																					3
TOTAL	7.3	57.1	30.4	4.6	.6													809	810	809	809

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5087604	63428	78.4	11.912	809							
Dry Bulb	1041752	28114	34.7	9.029	810		40.7					90
Wet Bulb	925651	26361	32.6	9.085	809		49.5					90
Dew Point	752267	23053	28.5	10.863	809	.6	62.2					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67						.1												1	1		
66/ 65				.1	.1													2	2		
64/ 61			.1	.2														3	3		
60/ 59		.1	.1	.1	.1													4	4	1	
58/ 57		.6	.4	.1	.1													10	10	6	2
56/ 55	.2	.6	.1	.4	.2													13	13	11	6
54/ 53	.4	1.2	.9	.4	.2	.1												26	26	12	9
52/ 51		1.5	.7	.5	.2	.1												25	25	23	13
50/ 49		1.7	1.4	1.5	.6													42	42	14	19
48/ 47		1.1	1.2	.7	.5													29	29	26	22
46/ 45	.4	2.6	.7	1.1	.1	.2												42	42	38	16
44/ 43	.7	2.1	1.4	1.2	.1	.1												46	46	47	32
42/ 41	.4	2.8	1.5	1.4	1.0													57	57	40	32
40/ 39	.4	2.2	3.6	1.0	.1													59	59	53	35
38/ 37	.2	2.7	3.8	1.6														68	68	40	41
36/ 35	.4	3.5	3.6	2.3														79	79	75	43
34/ 33	.7	3.8	4.8	.6														81	81	82	36
32/ 31	.5	2.8	4.9	1.1														76	76	74	67
30/ 29	.5	3.2	3.3	.1														58	58	84	59
28/ 27	.1	2.7	1.7	.2														39	39	73	61
26/ 25	.4	1.0	.5	.1														16	16	53	65
24/ 23		.4	.5															7	7	19	42
22/ 21	.4	.2																5	5	13	74
20/ 19	.2	.5	.5															10	10	6	47
18/ 17		.2	.2															4	4	7	30
16/ 15		.1																1	1	3	18
14/ 13		.4	.1															4	4	3	13
12/ 11		.1																1	1	3	6
10/ 9		.1																1	1	2	5
8/ 7		.1																1	1	1	4
6/ 5																				1	4
4/ 3																					3
2/ -1																					4
0/ -3																					2

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | NOV MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.9	38.6	36.2	14.9	3.6	.7												810	810	810	810

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4602067	60041	74.1	13.687	810							
Dry Bulb	1245130	30888	38.1	9.119	810		24.8	.1				90
Wet Bulb	1065573	28489	35.2	8.884	810		38.0					90
Dew Point	835346	24516	30.3	10.741	810	.7	56.0					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB, MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71						.1												1	1		
7 / 69						.1	.1	.1										3	3		
6 / 67						.2			.1									3	3		
6/ 65					.1	.2												3	3		
64/ 63					.2	.1	.4	.4										9	9		
62/ 61				.6	.6	.2	.1											13	13	1	
60/ 59	.4	.5		.4	.1	.5	.4											18	18	4	3
58/ 57		.2	.1	.4	.4	.7	.1											16	16	14	1
56/ 55		.1	.7	1.1	.6	1.0	.2	.1										32	32	9	6
54/ 53		1.1	.4	.9	1.7	.4	.4											39	39	12	7
52/ 51		1.2	.5	.7	1.1	.5												33	33	29	10
50/ 49	.2	.1	.5	1.7	1.2	.2	.1											34	34	38	25
48/ 47		.7	.6	1.2	.6	.4	.1											30	30	24	16
46/ 45	.2	2.5	.6	.6	1.6	.5												49	49	46	23
44/ 43	.4	1.9	1.4	1.2	2.5	.7												65	65	56	21
42/ 41	.1	1.6	1.0	3.2	1.5	.1												61	61	45	33
40/ 39		1.5	2.5	2.5	1.5													64	64	36	43
38/ 37	.2	1.1	2.8	3.6	.2													65	65	57	47
36/ 35	.1	2.2	3.7	4.8	1.0													96	96	76	43
34/ 33	.5	2.3	3.3	1.9	.2													67	67	94	42
32/ 31		1.9	2.3	1.9	.2													51	51	87	38
30/ 29		.4	2.3	.1														23	23	79	67
28/ 27	.2	.5	.5	.5														14	14	42	57
26/ 25	.2		.4															5	5	33	72
24/ 23		.2	.1															3	3	9	51
22/ 21		.1	.5															5	5	5	66
20/ 19			.2															2	2	3	45
18/ 17			.4															3	3	5	34
16/ 15			.4															3	3		24
14/ 13																				4	11
12/ 11																				2	7
10/ 9																					2
8/ 7																					4
6/ 5																					6

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					3
-2/ -3																					3
TOTAL	2.7	20.2	25.3	27.3	15.6	6.2	2.0	.6	.1									810	810	810	810

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3623156	52546	64.9	16.280	810							
Dry Bulb	1502673	34003	42.0	9.645	810		12.1	.8				90
Wet Bulb	1185903	30179	37.3	8.718	810		29.9					90
Dew Point	836197	24531	30.3	10.737	810	.3	54.4					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | NOV MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73						.1	.1											2	2		
7[illegible]/ 69						.1		.2		.1								4	4		
6[illegible]/ 67					.1	.1		.1										3	3		
[illegible]6/ 65						.4		.4										6	6		
[illegible]4/ 63			.1		.4	.1		.2	.1									8	8	2	
[illegible]2/ 61				.4	.4		.1	.1										8	8	1	
[illegible]/ 59	.1	.9	.1	.5		.5	.1											18	18	4	1
[illegible]/ 57			.4	.5	.1	.6												13	13	7	6
56/ 55	.2	.7	.7	.1	.2	.7	.4											26	26	19	9
[illegible]4/ 53	.2	.6	.4	.9	1.0	.1	.2											28	28	20	6
[illegible]2/ 51		1.0	.6	.6	1.2	.5	.1											33	33	18	12
5 / 49		.7	.7	1.6	1.1	1.0	.1											43	43	22	23
[illegible]/ 47		1.7	.9	.7	1.0	.1												36	36	32	18
46/ 45	.1	1.6	1.1	.6	1.1	.4	.1											41	41	42	13
44/ 43	.7	1.9	.7	1.1	2.0	.9	.2											61	61	53	26
42/ 41		1.5	.9	3.8	1.1	.4												62	62	42	26
4[illegible]/ 39	.2	1.4	3.3	2.5	.7	.1												67	67	40	51
3[illegible]/ 37	.2	2.6	3.0	3.8	.9													85	85	58	38
3[illegible]/ 35	.1	1.4	3.0	4.0	.1													69	69	92	37
34/ 33	.5	2.0	4.3	2.0	.7													77	77	82	38
32/ 31	.4	1.4	3.0	2.0	.2													56	56	83	62
3[illegible]/ 29	.1	.2	2.7	.7	.1													32	32	73	52
2[illegible]/ 27	.1	.2	.4	.2														8	8	50	71
26/ 25	.2	.4	.1	.1														7	7	38	52
24/ 23		.4	.1															4	4	14	48
22/ 21		.2	.2															4	4	4	58
2[illegible]/ 19			.2															2	2	4	53
18/ 17			.5															4	4	3	28
16/ 15			.2															2	2	1	33
14/ 13			.1															1	1	4	19
12/ 11																				1	11
10/ 9																				1	1
[illegible]/ 7																					7
[illegible]/ 5																					5

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AWS 3-4 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | NOV MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 1																					2
/ -1																					1
-/ -3																					1
-4/ -5																					2
TOTAL	3.5	20.7	27.9	26.2	12.6	6.2	1.6	1.1	.1	.1								810	810		810
																		810		810	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	3674900	52854	65.3	16.717	810							
Dry Bulb	1477191	33699	41.6	9.640	810		13.3	1.0	.2			90
Wet Bulb	1171391	29955	37.0	8.867	810		30.7					90
Dew Point	830739	24321	30.0	11.145	810	.4	56.2					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 71						.1												1	1		
6[illegible] / 67					.2													2	2		
[illegible]2 / 61			.1			.1	.2											4	4	1	
[illegible] / 59		.6	.1			.1												7	7	2	
[illegible] / 57	.2	.7	.2	.4		.4												16	16	8	5
[illegible] / 55	.2	.1	.7	.4	.1	.1												14	14	9	12
[illegible] / 53	.2	1.0	.6	.2	.2													19	19	8	6
[illegible] / 51		1.7	.4	.4	.4	.4												26	26	22	7
50 / 49		.7	.9	.6														18	18	24	14
[illegible] / 47	.1	.7	.6	.6	.6													22	22	17	27
[illegible] / 45	.9	2.5	.7	.7	.1	.1												41	41	27	17
[illegible] / 43	.6	2.8	1.6	1.0	.1	.1												51	51	41	15
[illegible] / 41		1.5	2.5	2.0	.4	.1												52	52	33	34
40 / 39	.1	2.2	4.2	2.0	.1													70	70	45	32
[illegible] / 37	.4	3.3	5.3	1.5	.1													86	86	54	28
[illegible] / 35	.4	3.0	3.8	2.3	.4													80	80	75	40
34 / 33	.6	3.0	4.3	1.7														78	78	100	38
32 / 31	.4	2.8	5.9	2.7	.1													97	97	69	74
3 / 29	.4	.7	4.4	.5														49	49	92	66
[illegible] / 27	.2	.5	2.7	.1														29	29	58	78
[illegible] / 25		1.7	.4															17	17	57	47
24 / 23		.7	.1															7	7	38	30
[illegible] / 21		.2	.2															4	4	6	69
[illegible] / 19	.2	.7	.2															10	10	5	50
18 / 17			.1															1	1	8	40
[illegible] / 15		.1	.2															3	3	2	31
14 / 13		.1	.2															3	3	1	16
[illegible] / 11			.1															1	1	5	13
[illegible] / 9		.1																1	1	1	8
[illegible] / 7		.1																1	1	1	3
[illegible] / 5																				1	
[illegible] / 3																					1
[illegible] / 1																					3
/ -1																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5																					2
-6/ -7																					1
TOTAL	5.1	32.0	41.0	17.2	3.0	1.6	.2										810	810		810	
																			810		

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4377580	58396	72.1	14.393	810							
Dry Bulb	1240038	30852	38.1	8.958	810		24.8	.3				90
Wet Bulb	1047923	28243	34.9	8.835	810		38.2					90
Dew Point	802359	23881	29.5	11.022	810	.7	59.4					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | HURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | NOV (MONTH)

PAGE 1 | 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 63				.1														1	1		
[illegible] 61			.2															2	2		
[illegible] 59		.7				.1												7	7	1	
[illegible] 57	.4	.5	.4			.1												11	11	12	7
5[illegible] 55	.2	1.2	.6		.2													19	19	11	13
[illegible]4/ 53	.1	.1	.1	.4	.1													7	7	9	10
[illegible]2/ 51	.1	1.5	.4	.4		.2												21	21	13	4
5[illegible]/ 49	.1	1.9	.6	.4	.2													26	26	16	11
[illegible]/ 47	.1	.5	.6		.1													11	11	21	20
[illegible]/ 45	.6	2.1	.5	.1	.2													29	29	20	12
44/ 43	.6	2.3	1.9	.6														44	44	27	26
42/ 41		1.7	2.7	.9	.2													45	45	31	18
40/ 39	.1	2.7	4.0	1.9	.1													71	71	33	27
3[illegible]/ 37	.2	2.5	3.7	1.4														63	63	62	33
[illegible]/ 35	.2	3.6	4.4	1.9														82	82	58	23
3[illegible]/ 33	.7	3.5	3.2	.7														66	66	91	45
32/ 31	.6	5.7	7.5	1.2														122	122	82	74
[illegible]0/ 29	.2	3.7	3.5	.1														61	61	98	71
2[illegible]/ 27		2.1	3.1	.2														44	44	70	56
2[illegible]/ 25		2.2	1.5															30	30	57	69
24/ 23		.9	.5															11	11	46	39
[illegible]2/ 21	.1	.6	.4															9	9	17	84
[illegible]/ 19	.7	1.2																16	16	14	50
1[illegible]/ 17		.2																2	2	10	32
1[illegible]/ 15		.1																1	1	2	38
14/ 13		.1																1	1		19
1[illegible]/ 11		.5																4	4	1	14
[illegible]/ 9		.1																1	1	5	5
[illegible]/ 7		.4																3	3		1
[illegible]/ 5																				3	
[illegible]/ 3																					1
[illegible]/ 1																					5
-[illegible]/ -3																					2
-4/ -5																					1

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | NOV MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	5.4	42.7	39.8	10.2	1.4	.5												810			810
																		810		810	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4707767	60889	75.2	12.708	810							
Dry Bulb	1136017	29445	36.4	9.007	810		33.9					90
Wet Bulb	983678	27272	33.7	8.995	810		45.0					90
Dew Point	775147	23467	29.0	10.852	810	.3	62.3					90

USAFETAC FORM AWS 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72[illegible]395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
74/ 73						.0	.0												2	2		
72/ 71						.0													2	2		
70/ 69						.0	.0	.0		.0									7	7		
68/ 67					.0	.1		.0	.0										9	9		
66/ 65				.0	.0	.1		.0											11	11		
64/ 63			.0	.0	.1	.0	.0	.1	.0										18	18	2	
62/ 61		.0	.1	.2	.1	.0	.1	.0											34	34	3	
60/ 59	.1	.4	.1	.1	.0	.2	.1												62	62	15	4
58/ 57	.1	.5	.2	.2	.1	.2	.0												88	88	65	31
56/ 55	.2	.7	.6	.3	.2	.2	.1	.0											152	152	82	67
54/ 53	.2	.8	.4	.4	.4	.1	.1												148	148	87	60
52/ 51	.1	1.5	.4	.4	.4	.2	.0												194	194	161	77
50/ 49	.2	1.2	.7	.8	.5	.2	.0												229	229	152	152
48/ 47	.2	1.1	.6	.5	.4	.1	.0												192	192	182	142
46/ 45	.5	2.1	.7	.5	.4	.2	.0												286	286	250	145
44/ 43	.6	2.4	1.2	.9	.6	.2	.0												391	391	313	184
42/ 41	.2	2.0	1.7	1.6	.6	.1													398	398	283	224
40/ 39	.2	2.4	3.0	1.5	.4	.0													484	484	314	248
38/ 37	.3	2.9	3.5	1.8	.2														557	557	403	280
36/ 35	.3	3.4	3.3	2.2	.2														611	611	550	287
34/ 33	.6	3.3	4.0	1.0	.1														581	581	678	321
32/ 31	.4	4.2	4.7	1.3	.1														689	689	600	506
30/ 29	.5	2.7	3.7	.2	.0														464	464	714	493
28/ 27	.2	2.7	2.0	.2															331	331	517	514
26/ 25	.1	2.0	.9	.0															194	194	485	476
24/ 23	.0	1.1	.3																95	95	272	341
22/ 21	.2	.8	.2																79	79	131	566
20/ 19	.3	.6	.3																80	81	69	460
18/ 17	.0	.2	.2																26	26	54	310
16/ 15		.1	.1																17	17	22	251
14/ 13		.2	.1																17	17	22	123
12/ 11		.1	.0																10	10	20	66
10/ 9		.2																	11	11	15	28
8/ 7		.1																	8	8	8	25

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AS-24 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) NOV (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 5		.0																2	2	8	27
/ 3																				2	18
/ 1																					20
/ -1																					16
/ -3																					11
/ -5																					5
/ -7																					1
TOTAL	5.5	39.7	33.1	14.3	4.8	1.9	.5	.2	.0	.0									6480		6479
																		6479		6479	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	36033473	473673	73.1	14.720	6479							
Dry Bulb	9818988	244560	37.7	9.536	6480		224.9	2.2	.2			720
Wet Bulb	8297086	224290	34.6	9.067	6479		326.6					720
Dew Point	6376720	190688	29.4	10.863	6479	3.7	473.1					720

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | HURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS) | DEC (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 49		.4	.1															4	4		
4 / 47	.1	.2																3	3	6	4
4 / 45		.1	.2	.1														4	4	1	2
4 / 43		.2	.2															4	4	1	
2 / 41	.1	.2		.1														4	4	6	4
4 / 39	.8	.8	.2	.1														17	17	11	8
3 / 37	.7	1.9	.5	.5														30	30	21	8
3 / 35	.7	3.2	1.2	.4														46	46	22	24
3 / 33	.4	5.1	1.8	.1														62	62	39	16
2 / 31	1.4	5.0	3.5	.1														84	84	74	45
2 / 29	1.2	6.1	1.7															75	75	71	46
2 / 27	1.0	6.0	1.6															71	71	87	42
2 / 25	1.1	5.9	.7															64	64	73	74
2 / 23	1.9	3.2	.5															47	47	80	59
2 / 21	1.1	4.9	1.4															62	62	52	60
2 / 19	.8	4.8	.6															52	52	44	66
1 / 17	.5	3.3	1.0															40	40	52	64
1 / 15	.1	2.7	.4															27	27	39	38
1 / 13		2.0	.2															19	19	17	31
1 / 11	.2	3.2																29	29	25	46
1 / 9	.7	3.0																31	31	36	28
/ 7	.2	3.3																30	30	34	16
/ 5	.5	.6																9	9	21	30
/ 3	.4	.1																4	4	5	25
/ 1	.1	.6																6	6	3	29
/ -1	.4	.1																4	4	7	27
- / -3	.5	.5																8	8	9	20
- / -5		.1																1	1		3
- / -7																				1	3
- / -9																					5
-1 / -11																					6
-1 / -13																					1
-14 / -15																					2
-16 / -17																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | HURTSMITH AFB,MI STATION NAME | 73-81 YEARS | DEC MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-1-/-19																					4
TOTAL	14.9	67.9	15.8	1.4															837		837
																		837		837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5122270	64654	77.2	12.377	837							
Dry Bulb	583792	20524	24.5	9.814	837	1.4	73.7					93
Wet Bulb	518676	19228	23.0	9.595	837	1.9	81.1					93
Dew Point	390909	15249	18.2	11.631	837	8.0	85.7					93

FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | HURTSMITH AFB, MI STATION NAME | 73-81 YEARS | DEC MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 4 / 53		.1																1	1		
52 / 51		.1	.1															2	2	1	
5 / 49																				2	2
4 / 47		.4																3	3	3	1
4 / 45			.1															1	1		3
44 / 43			.1															1	1		
42 / 41		.5	.2															6	6	2	
4 / 39	.7	.6	.4	.1														15	15	13	8
3 / 37	.8	1.7	1.0	.4														32	32	14	9
34 / 35	.8	2.6	1.3															40	40	24	21
3 / 33	.6	4.7	1.7															58	58	45	13
32 / 31	1.6	4.7	3.5	.2														83	83	62	48
3 / 29	1.1	3.8	2.6															63	63	64	43
2 / 27	.5	7.5	1.2															77	77	76	33
2 / 25	1.3	6.6	1.4															78	78	89	67
2 / 23	2.0	3.7	1.0															56	56	87	51
22 / 21	1.1	4.8	.8															56	56	59	66
2 / 19	.8	4.3	1.0															51	51	45	88
1 / 17	1.0	2.5	.8															36	36	48	53
16 / 15	.2	3.5	.1															32	32	40	52
14 / 13	.2	1.9																18	18	21	45
1 / 11	.5	2.7																27	27	18	27
1 / 9	.1	4.2																36	36	39	35
8 / 7	.2	2.6																24	24	31	27
6 / 5		1.4																12	12	21	18
4 / 3	.5	.6																9	9	12	26
2 / 1	.2	.8																9	9	8	28
/ -1	.8	.2																5	5	5	21
-2 / -3	.2	.1																3	3	5	21
-4 / -5		.1																1	1		7
-6 / -7		.2																2	2	1	6
-8 / -9																				2	5
-10 / -11																					4
-12 / -13																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-1 / -17																					3
-1 / -19																					2
-2 / -21																					2
TOTAL	14	96	70	17	3	7													837		837
																		837		837	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5123673	64697	77.3	12.122	837							
Dry Bulb	565833	20173	24.1	9.760	837	1.2	75.3					93
Wet Bulb	501831	18881	22.6	9.529	837	1.4	81.4					93
Dew Point	375594	14920	17.8	11.452	837	8.1	86.7					93

USAFETAC FORM AS 64 0-26-5 (OL A) SEVERAL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 49		.1	.1															2	2		
4[illegible]/ 47		.2	.1															3	3	4	3
4[illegible]/ 45		.1	.1															2	2		1
44/ 43		.1	.1															2	2	3	1
42/ 41		.5	.6															9	9	5	
4 / 39	.7		.4															9	9	8	13
3[illegible]/ 37	.6	1.9	.7															27	27	13	4
3[illegible]/ 35	1.0	2.3	1.8															42	42	31	15
3[illegible]/ 33	1.0	3.7	1.6	.1														53	53	47	26
32/ 31	1.8	5.4	3.0															85	85	56	50
3 / 29	1.1	4.9	1.9															66	66	58	40
2[illegible]/ 27	1.0	6.9	1.1															75	75	82	35
2[illegible]/ 25	1.8	6.1	1.0															74	74	93	67
2[illegible]/ 23	.6	3.0	.6															35	35	64	48
22/ 21	1.9	4.3	1.4															64	64	51	59
2[illegible]/ 19	1.7	6.0	.7															70	70	56	89
1[illegible]/ 17	.6	3.9																38	38	55	51
16/ 15	.1	4.3	.2															39	39	53	43
14/ 13	.4	2.9																27	27	19	34
12/ 11	.5	2.5																25	25	31	45
1[illegible]/ 9	.5	2.5	.1															26	26	29	49
[illegible]/ 7	.5	3.0																29	29	30	40
6/ 5	.4	1.2																13	13	22	19
[illegible]/ 3	.1	.5																5	5	10	17
[illegible]/ 1	.1	.6																6	6	4	27
/ -1		.4																3	3	2	13
-[illegible]/ -3	.1	.2																3	3	5	12
-4/ -5		.2																2	2	1	8
-6/ -7	.1	.1																2	2	4	5
-8/ -9	.1																	1	1	1	6
-10/-11																					4
-12/-13																					2
-14/-15																					1
-16/-17																					3

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-16/-19																					6
-20/-21																					1
TOTAL	16.5	67.9	15.5	.1														837	837	837	837

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5196891	65153	77.8	12.243	837							
Dry Bulb	557250	20040	24.0	9.601	837	1.2	76.4					93
Wet Bulb	498039	18832	22.5	9.429	837	1.4	80.7					93
Dew Point	377332	14942	17.9	11.501	837	6.8	86.0					93

USAFETAC FORM 0-26-5 (OL A) 3/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51			.1															1	1		
50/ 49	.4																	3	3	3	3
48/ 47		.1		.1														2	2	1	
46/ 45		.1		.1														2	2	2	
44/ 43		.2	.4	.1														6	6	2	3
42/ 41	.2	.1	.5															7	7	6	3
40/ 39	.1	.2		.1														4	4	4	2
38/ 37	1.9	2.5	1.8	.4														55	55	23	16
36/ 35	.7	3.7	.7	.2														45	45	41	17
34/ 33	.5	5.5	1.8	.2														67	67	56	32
32/ 31	2.4	5.1	2.6	.2														87	87	69	56
30/ 29	1.4	3.9	2.7	.2														70	70	68	63
28/ 27	1.7	5.9	2.5	.1														85	85	80	36
26/ 25	1.4	5.7	1.8															75	75	91	63
24/ 23	.5	2.6	.8															33	33	69	42
22/ 21	1.6	4.5	.8															58	58	58	59
20/ 19	.8	4.5	1.6															58	58	42	83
18/ 17	.7	4.5	.5															48	48	55	46
16/ 15	.6	4.1	.7															45	45	52	60
14/ 13	.6	2.5	.2															28	28	33	46
12/ 11	.5	1.7	.1															19	19	29	39
10/ 9		1.4																12	12	14	34
8/ 7	.1	1.1																10	10	15	40
6/ 5	.2	.2																4	4	10	15
4/ 3		.4																3	3	2	23
2/ 1	.1	.2																3	3	3	15
0/ -1	.4	.1																4	4	6	10
-2/ -3	.1																	1	1	1	9
-4/ -5	.1																	1	1	1	6
-6/ -7	.1																	1	1	1	3
-8/ -9																					4
-12/-13																					3
-14/-15																					1
-16/-17																					3

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS-64 0-26-5 (OL A) USAFETAC — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | DEC MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-18/-19																					2
TOTAL	17.2	61.2	19.7	1.9															837		837
																		837		837	

Element (X)	$\Sigma x'$	Σx_i	$\bar{x}$	σ_x	No. Obs.	Num No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	5120705	69553	77.3	13.082	837							
Dry Bulb	621637	21863	25.8	8.823	837	.6	71.7					93
Wet Bulb	550978	20213	24.1	8.670	837	1.0	77.7					93
Dew Point	411457	16208	19.3	10.811	837	8.6	89.6					93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | DEC MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
59/ 57		.1		.1														2	2		
57/ 55				.2														2	2	1	
55/ 53		.1																1	1	1	2
53/ 51	.1			.1	.1													3	3	2	1
51/ 49				.2		.1												3	3	2	
49/ 47			.2	.1														3	3		
47/ 45	.1		.4		.1													5	5	4	3
45/ 43	.2	.1	.2	.2	.1													8	8	6	3
43/ 41	.1	.5	.4	.5	.1													13	13	7	2
41/ 39	.5	.6	1.3	.6	.2													27	27	11	10
39/ 37	.8	4.1	2.2	.6														64	64	24	17
37/ 35	.6	3.3	3.8	.7														71	71	53	20
34/ 33	.6	4.8	3.5	.6														79	79	73	29
32/ 31	1.4	4.1	4.8	1.0														94	94	82	60
30/ 29	.6	4.8	4.3	.2														83	83	76	48
28/ 27	.7	5.7	3.1	.2														82	82	94	64
26/ 25	.8	4.3	2.4	.2														65	65	94	72
24/ 23	.4	3.1	1.8	.4														47	47	72	46
22/ 21	.2	2.3	2.6															43	43	50	66
20/ 19	.2	4.1	2.7	.2														61	61	39	75
18/ 17		2.5	1.8															36	36	57	51
16/ 15		1.2	1.2															20	20	42	49
14/ 13	.1	.7	.7															13	13	17	43
12/ 11			.2															2	2	13	34
10/ 9		.5	.1															5	5	8	32
8/ 7		.2	.1															3	3	3	29
6/ 5		.1																1	1	3	22
4/ 3		.1																1	1	3	19
2/ 1																					6
0/ -1																					7
-2/ -3																					7
-4/ -5																					9
-6/ -7																					7
-8/ -9																					1

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

 1200-1800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-14/-15																					3
TOTAL	7	6	47	33	7	6	3	0	7	0	1							837			837
																		837		837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4529477	60339	72.1	19.660	837							
Dry Bulb	752932	24226	28.9	7.867	837		61.8					93
Wet Bulb	639761	22219	26.5	7.729	837		72.6					93
Dew Point	498699	17289	20.7	10.464	837	3.8	83.3					93

FORM 26-14 0-26-5 (OL A) USAFETAC REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB, MI STATION NAME | 73-81 YEARS | DEC MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 59			.4															3	3		
58 / 55				.2														2	2	3	
54 / 53			.1	.1														2	2		3
52 / 51				.2														2	2		
50 / 49			.1	.2		.1												4	4	3	
48 / 47		.2	.2	.1	.1													6	6	1	
46 / 45	.2	.2	.1															5	5	8	5
44 / 43	.4	.1	.2	.2	.1													9	9	10	5
42 / 41	.1	.5	.4	.2	.5													14	14	4	6
40 / 39	.6	1.0	.8	.6	.1													26	26	15	11
38 / 37	.8	3.8	2.3	.6	.1													64	64	24	18
36 / 35	.4	3.1	2.0	.5														50	50	44	15
34 / 33	1.8	4.8	4.3	.5														95	95	86	31
32 / 31	.7	5.5	5.0	1.2														104	104	63	58
30 / 29	.6	6.0	3.2	.7														88	88	88	48
28 / 27	.4	3.9	3.0	.5														65	65	102	66
26 / 25	1.1	3.1	3.1	.6														66	66	70	69
24 / 23	.1	3.0	1.6	.5														43	43	75	49
22 / 21	.1	2.6	3.8															55	55	44	67
20 / 19	.4	3.1	3.2															56	56	54	73
18 / 17	.2	2.2	2.3	.1														40	40	55	35
16 / 15		.6	.8															12	12	34	42
14 / 13		.7	.7															12	12	23	47
12 / 11		.1	.2															3	3	14	38
10 / 9		.5	.7															10	10	8	33
8 / 7			.1															1	1	5	27
6 / 5																				4	18
4 / 3																					21
2 / 1																					16
0 / -1																					7
-2 / -3																					7
-4 / -5																					10
-6 / -7																					3
-8 / -9																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AWS 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | DEC MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1 /-11																					4
-1 /-13																					1
-1 /-15																					2
TOTAL	7.9	45.0	38.8	7.2	1.0	.1													837		837
																		837		837	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4456642	59712	71.3	15.341	837							
Dry Bulb	763897	24389	29.1	7.980	837		61.7					93
Wet Bulb	648738	22328	26.7	7.971	837		71.0					93
Dew Point	459876	17209	20.6	11.006	837	9.0	82.6					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 59			.1															1	1		
5[illegible] / 55																				1	
54 / 53		.1	.1	.2														4	4		1
52 / 51		.1	.4															4	4	2	2
5[illegible] / 49			.1															1	1	1	
4[illegible] / 47		.2	.1															3	3	6	
46 / 45		.4		.2														5	5	4	3
44 / 43	.4	.2	.6															10	10	5	11
42 / 41		.2	.4		.2													7	7	4	3
4[illegible] / 39	.5	.5	.1	.2														11	11	15	5
3[illegible] / 37	.7	2.2	1.0	.1														33	33	18	11
3[illegible] / 35	1.0	3.7	2.6															61	61	31	21
34 / 33	1.0	5.4	1.7	.4														70	70	55	35
32 / 31	1.2	7.0	2.8	.6														96	96	78	35
3[illegible] / 29	.7	5.3	3.7															81	81	71	71
28 / 27	.2	3.7	2.5	.1														55	55	78	41
26 / 25	1.0	5.0	2.3															69	69	78	57
24 / 23	.7	3.5	2.4															55	55	72	44
22 / 21	.7	3.8	1.9															54	54	55	56
2[illegible] / 19	.5	4.2	2.3															58	58	53	70
18 / 17	.7	2.4	1.9															42	42	54	47
16 / 15	.2	4.7	.8															48	48	35	50
14 / 13		2.3	.6															24	24	54	47
1[illegible] / 11	.1	.7	.1															8	8	20	38
1[illegible] / 9		1.2	.1															11	11	11	38
[illegible] / 7	.4	1.0	.1															12	12	14	28
6 / 5	.1	.5	.1															6	6	10	28
4 / 3		.2																2	2	4	32
[illegible] / 1	.1	.1																2	2	4	14
/ -1	.1																	1	1	1	15
-2 / -3																					10
-4 / -5																					8
-6 / -7																					3
-8 / -9																					5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | HURTSMITH AFB,MI STATION NAME | 73-81 YEARS | DEC MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-1 /-13																						1
-14/-15																						1
-1 /-19																						3
TOTAL	10.	358.	628.	9	1.9	.2														834		834
																			834		834	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	4798298	62206	74.6	13.794	834							
Dry Bulb	655467	22195	26.6	8.820	834	.1	69.6					93
Wet Bulb	572262	20588	24.7	8.767	834	.1	77.2					93
Dew Point	418232	16116	19.3	11.329	834	5.1	82.7					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) | WURTSMITH AFB, MI (STATION NAME) | 73-81 (YEARS) | DEC (MONTH)

PAGE 1 | 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 51	.2		.2															4	4	2	2
5 / 49		.5	.4															7	7		
4/ 47	.4	.1	.1															5	5	9	6
4 / 45			.2															2	2	4	3
4/ 43		.1	.5	.1														6	6	1	1
2/ 41	.2	.1	.1															4	4	5	7
4 / 39	.7	.7	.4															15	15	11	6
3 / 37	.8	1.0	.6	.4														23	23	18	6
3 / 35	1.2	3.2	2.3															56	56	24	27
3 / 33	.6	5.0	2.3	.2														68	68	47	18
2/ 31	1.8	7.0	3.2	.1														101	101	81	47
3 / 29	.7	4.6	2.0															61	61	78	59
2 / 27	1.2	5.0	1.2															62	62	75	46
2 / 25	1.1	4.7	1.6															61	61	69	6
2 / 23	.7	4.4	.5															47	47	57	48
2/ 21	1.0	4.8	1.9															64	64	61	53
/ 19	1.2	4.8	.6															55	55	60	73
/ 17	.1	2.4	1.4															33	33	37	46
/ 15		3.4	.4															31	31	39	46
/ 13		4.4	.4															40	40	34	45
/ 11	.6	3.5	.2															36	36	42	31
/ 9	.1	1.8																16	16	34	35
/ 7	.1	1.4																13	13	12	30
/ 5	.1	.8																8	8	13	21
/ 3	.2	.4																5	5	8	38
/ 1	.2	.6																7	7	4	25
/ -1	.2	.1																3	3	8	17
/ -3	.1																	1	1	1	12
/ -5																					5
/ -7																					11
/ -9																					2
/ -11																					2
/ -13																					1
/ 1																					1

				No. Obs.	Mean No. of Hours with Temperature						
					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS | DEC MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1 /-19																					2
-2/-23																					1
TOTAL	13.8	64.9	20.5	.8														834	834	834	834

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	5022120	63834	76.5	12.791	834							
Dry Bulb	610348	21122	25.3	9.518	834	.4	71.8					93
Wet Bulb	540322	19732	23.7	9.392	834	1.0	79.5					93
Dew Point	405995	15651	18.8	11.610	834	6.0	84.5					93

USAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) DEC (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 59			.1															4	4		
5[illegible] / 57		.0		.0														2	2		
5[illegible] / 55				.1														4	4	5	
54 / 53		.0	.0	.0														8	8	1	6
52 / 51	.0	.0	.1	.0	.0													16	16	7	5
5[illegible] / 49	.0	.1	.1	.1		.0												24	24	11	5
48 / 47	.1	.2	.1	.0	.0													28	28	30	14
4[illegible] / 45	.0	.1	.1	.1	.0													26	26	23	20
44 / 43	.1	.1	.3	.1	.0													46	46	28	24
42 / 41	.1	.3	.3	.1	.1													64	64	39	25
4 / 39	.6	.6	.4	.2	.0													124	124	88	63
3[illegible] / 37	.9	2.4	1.2	.4	.0													328	328	155	89
3[illegible] / 35	.8	3.2	2.0	.2														411	411	270	160
34 / 33	.8	4.9	2.3	.3														552	552	448	200
[illegible]2 / 31	1.5	5.5	3.5	.4														734	734	565	399
3 / 29	.9	4.9	2.8	.1														587	587	574	418
2[illegible] / 27	.8	5.6	2.0	.1														572	572	674	363
2[illegible] / 25	1.2	5.2	1.8	.1														552	552	657	530
2[illegible] / 23	.9	3.3	1.1	.1														363	363	576	387
[illegible]2 / 21	1.0	4.0	1.9															456	456	430	486
2[illegible] / 19	.8	4.5	1.6	.0														461	461	393	617
1[illegible] / 17	.5	3.0	1.2	.0														313	313	413	393
16 / 15	.2	3.0	.6															254	254	334	380
1[illegible] / 13	.2	2.2	.4															181	181	218	338
1[illegible] / 11	.3	1.8	.1															149	149	192	298
[illegible] / 9	.2	1.9	.1															147	147	179	284
[illegible]/ 7	.2	1.6	.0															122	122	144	237
6/ 5	.2	.6	.0															53	53	104	171
4/ 3	.1	.3																29	29	44	201
[illegible]/ 1	.1	.4																33	33	26	160
/ -1	.2	.1																20	20	29	117
-[illegible] / -3	.1	.1																16	16	21	98
-4 / -5	.0	.1																5	5	2	56
-6 / -7	.0	.0																5	5	7	41

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 STATION | HURTSMITH AFB,MI STATION NAME | 73-81 YEARS | DEC MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
-0/ -9	.0																		1	1	3	30
- / -11																						20
-1 / -13																						11
-14/ -15																						10
-16/ -17																						11
-1 / -19																						19
- / -21																						3
-22/ -23																						1
TOTAL	12.9	60.0	24.3	2.6	.2	.0													6690	6690	6690	6690
																			6690		6690	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	39370072	505146	75.5	13.548	6690							
Dry Bulb	5111158	174260	26.0	9.248	6690	5.2	561.9					744
Wet Bulb	4470599	162021	24.2	9.041	6690	6.9	621.1					744
Dew Point	3283205	127579	19.1	11.276	6690	46.4	676.1					744

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB, MI (STATION NAME) 73-81 (YEARS) ALL (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
102/101															.0				2	2		
100/ 99														.0	.0				3	3		
98/ 97									.0			.0	.0		.0				7	7		
96/ 95							.0	.0		.0	.0	.0		.0					15	15		
94/ 93							.0	.0	.0	.0	.0				.0				26	26		
92/ 91						.0	.0	.0	.0	.0	.0	.0	.0	.0					80	80		
90/ 89					.0	.0	.0	.1	.0	.0	.0	.0	.0	.0		.0			144	144		
88/ 87					.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0				263	263		
86/ 85		.0		.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0					322	322		
84/ 83			.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0				.0	428	429	4	2
82/ 81		.0	.0	.0	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0					599	599	13	
80/ 79	.0	.0	.0	.1	.2	.2	.1	.2	.1	.1	.0	.0							848	849	41	11
78/ 77		.0	.1	.1	.2	.2	.2	.2	.1	.0	.0	.0	.0						946	949	135	24
76/ 75	.0	.0	.1	.2	.3	.3	.2	.2	.1	.1	.0	.0	.0						1199	1199	269	48
74/ 73	.0	.1	.2	.3	.2	.4	.2	.1	.1	.0	.0	.0	.0						1406	1407	621	180
72/ 71	.0	.2	.4	.3	.3	.3	.2	.2	.1	.0	.0	.0							1658	1658	830	397
70/ 69	.0	.4	.6	.4	.5	.3	.2	.2	.1	.0	.0	.0							2135	2138	1292	737
68/ 67	.1	.5	.7	.4	.5	.3	.2	.1	.1	.0		.0							2339	2341	1827	1132
66/ 65	.1	.8	.8	.6	.4	.3	.2	.1	.1	.0	.0								2607	2611	2302	1589
64/ 63	.2	.9	.6	.6	.4	.3	.2	.1	.1	.0									2459	2463	2763	1773
62/ 61	.1	1.0	.6	.6	.4	.2	.1	.1	.0	.0									2468	2470	2806	2084
60/ 59	.1	1.0	.9	.5	.3	.2	.1	.1	.0	.0									2538	2543	2843	2310
58/ 57	.1	.8	.8	.4	.3	.2	.1	.1	.0	.0									2280	2280	2791	2693
56/ 55	.1	1.0	.7	.5	.4	.2	.1	.0	.0	.0									2385	2385	2797	2677
54/ 53	.1	.9	.7	.6	.3	.2	.1	.0	.0										2313	2314	2657	2547
52/ 51	.1	.8	.8	.4	.4	.2	.1	.0	.0										2100	2100	2291	2637
50/ 49	.1	.8	.9	.6	.4	.2	.1	.0											2386	2386	2407	2483
48/ 47	.1	.9	.7	.5	.3	.1	.0	.0											2071	2072	2394	2243
46/ 45	.1	1.0	.8	.6	.3	.1	.0												2263	2263	2422	2250
44/ 43	.2	1.1	.8	.5	.2	.1	.0												2256	2256	2545	2360
42/ 41	.2	1.0	1.0	.6	.2	.0	.0												2323	2325	2533	2347
40/ 39	.3	1.1	1.1	.5	.2	.0	.0												2511	2511	2570	2327
38/ 37	.3	1.5	1.0	.5	.1	.0													2767	2767	2741	2287
36/ 35	.3	1.9	1.1	.5	.1	.0													3027	3028	2971	2692

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) ALL (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
34/ 33	.4	2.1	1.3	.3	.0	.0												3203	3205	3489	2812
32/ 31	.4	2.3	1.5	.5	.1													3647	3647	3243	3717
30/ 29	.3	1.7	1.3	.2	.0													2645	2646	3383	2905
28/ 27	.3	1.8	1.0	.1	.0													2427	2430	2932	2767
26/ 25	.2	1.6	.8	.1														2121	2122	2855	2823
24/ 23	.2	1.1	.5	.0														1396	1397	2386	2070
22/ 21	.2	1.3	.7	.0														1755	1757	1754	2579
20/ 19	.3	1.7	.6	.0														2013	2017	1697	2749
18/ 17	.1	1.1	.4	.0														1251	1253	1775	1933
16/ 15	.1	1.2	.3															1213	1218	1431	1965
14/ 13	.1	1.0	.1															969	972	1150	1758
12/ 11	.1	.9	.1															868	868	1029	1532
10/ 9	.1	.8	.1															754	754	918	1399
8/ 7	.1	.7	.0															638	638	766	1176
6/ 5	.1	.4	.0															354	355	582	823
4/ 3	.1	.4																354	354	384	947
2/ 1	.1	.4																353	353	368	920
0/ -1	.2	.1																186	186	272	634
-2/ -3	.1	.1																124	124	141	561
-4/ -5	.1	.1																88	88	86	421
-6/ -7	.1	.0																61	61	79	355
-8/ -9	.0																	33	33	42	272
-10/-11	.0																	11	11	11	175
-12/-13	.0																	9	9	9	115
-14/-15	.0																	10	10	10	106
-16/-17	.0																	5	5	5	96
-18/-19	.0																	5	5	5	117
-20/-21	.0																	4	4	4	42
-22/-23	.0																	1	1	1	28
-24/-25																					21
-26/-27																					10
-28/-29																					4
-32/-33																					4
-34/-35																					4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) USAFETAC — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS) ALL (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-3?/-37																					2
TOTAL	.2	38.7	23.9	11.9	7.1	4.7	3.0	2.0	1.2	.7	.3	.1	.0	.0	.0	.0	.0	77672	77728	77672	77672

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	422016073	5582159	71.9	16.378	77672							
Dry Bulb	186454201	3479837	44.8	19.862	77728	59.5	2590.3	1434.9	728.1	268.8	6.2	8760
Wet Bulb	153507467	3163171	40.7	17.829	77672	73.7	3039.0	583.6	125.9	3.8		8760
Dew Point	126946358	2758660	35.5	19.312	77672	329.0	4903.3	293.7	30.7	.6		8760

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	18.4	18.8	28.8	37.6	47.6	57.4	62.8	62.3	54.3	44.6	35.9	24.5	41.0
	S. D.	11.141	11.276	9.631	9.358	9.546	8.198	6.568	6.907	8.843	8.827	9.101	9.814	17.983
	TOTAL OBS	837	762	837	795	818	786	777	814	803	837	810	837	9713
03-05	MEAN	17.9	17.7	27.7	36.5	45.8	55.6	60.8	60.2	52.8	43.4	35.1	24.1	39.7
	S. D.	11.441	11.837	10.033	9.262	9.448	8.523	6.724	7.109	8.734	8.811	8.882	9.760	17.685
	TOTAL OBS	837	762	837	795	819	786	780	814	804	837	810	837	9732
06-08	MEAN	17.2	16.9	27.4	37.6	49.6	59.5	64.2	61.9	53.5	43.3	34.7	24.0	40.7
	S. D.	11.702	12.240	10.575	9.205	9.355	7.963	6.384	6.826	8.608	8.833	9.029	9.601	18.812
	TOTAL OBS	837	762	837	795	819	787	777	813	804	837	810	837	9715
09-11	MEAN	19.1	20.4	32.0	44.6	58.0	67.7	73.0	70.8	61.3	49.7	38.1	25.8	46.5
	S. D.	10.664	10.754	9.394	10.582	11.046	8.811	6.523	6.228	8.238	8.469	9.119	8.824	20.872
	TOTAL OBS	837	762	837	794	818	784	778	810	803	837	810	837	9787
12-14	MEAN	23.4	25.0	35.4	47.5	60.8	71.1	76.6	75.0	65.7	53.8	42.0	28.9	50.3
	S. D.	8.919	9.418	9.387	11.365	11.889	9.769	7.492	7.261	9.113	9.304	9.645	7.867	20.981
	TOTAL OBS	837	762	834	794	815	786	776	816	804	834	810	837	9705
15-17	MEAN	23.9	25.8	36.1	47.4	60.4	70.8	76.4	74.9	65.7	53.5	41.6	29.1	50.3
	S. D.	8.678	9.358	9.187	11.507	11.669	9.574	7.578	7.506	9.384	9.373	9.640	7.980	20.650
	TOTAL OBS	837	762	837	795	821	789	779	822	806	837	810	837	9732
18-20	MEAN	21.1	22.8	33.3	44.1	56.2	66.9	72.6	70.8	60.9	48.9	38.1	26.6	46.7
	S. D.	9.462	9.836	8.787	10.226	10.468	8.634	6.746	6.647	8.519	8.536	8.958	8.820	19.927
	TOTAL OBS	837	760	836	795	820	787	778	823	805	837	810	834	9722
21-23	MEAN	19.2	20.4	30.7	39.8	50.6	60.7	66.4	65.2	56.2	46.0	36.4	25.3	42.9
	S. D.	10.549	10.732	9.015	9.410	9.353	7.769	6.121	6.512	8.538	9.119	9.087	9.514	18.519
	TOTAL OBS	837	762	837	792	819	789	778	819	805	837	810	834	9716
ALL HOURS	MEAN	20.0	21.0	31.4	41.9	53.6	63.7	69.1	67.6	58.8	47.9	37.7	26.0	44.8
	S. D.	10.631	11.152	10.009	11.003	11.772	10.392	8.992	8.858	10.066	9.781	9.536	9.248	19.862
	TOTAL OBS	6696	6094	6692	6355	6549	6294	6220	6531	6434	6693	6480	6690	77728

USAFETAC FORM JUN 64 0-89-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (YEARS)

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0-02	MEAN	17.2	17.5	27.0	34.8	44.1	54.2	59.5	59.4	51.4	41.6	33.5	23.0	38.5
	S. D.	10.945	11.045	9.630	9.105	8.951	7.882	6.574	6.915	8.706	8.736	9.060	9.595	17.310
	TOTAL OBS	837	761	834	795	818	786	777	813	803	837	810	837	9708
3-05	MEAN	16.8	16.5	26.1	33.9	42.9	52.9	58.0	57.9	50.4	40.8	32.9	22.6	37.5
	S. D.	11.260	11.556	9.965	9.088	8.984	8.185	6.862	7.215	8.659	8.833	8.898	9.529	17.144
	TOTAL OBS	837	762	834	795	819	784	777	814	804	837	810	837	9710
6-08	MEAN	16.1	15.8	25.8	34.7	45.6	55.7	60.3	59.1	50.9	40.9	32.6	22.5	38.2
	S. D.	11.460	11.942	10.463	8.970	8.515	7.499	6.114	6.837	8.501	8.821	9.085	9.429	17.948
	TOTAL OBS	837	762	834	795	819	785	776	813	804	837	809	837	9708
9-11	MEAN	17.7	18.9	29.5	39.0	50.1	59.8	64.8	64.0	55.6	45.1	35.2	24.1	41.8
	S. D.	10.468	10.539	9.010	9.107	8.632	7.246	5.429	5.825	7.576	8.322	8.884	8.670	18.407
	TOTAL OBS	837	760	832	793	818	784	776	810	803	837	810	837	9697
12-14	MEAN	21.1	22.5	31.6	40.9	51.4	61.3	66.2	65.6	57.4	47.0	37.3	26.5	43.9
	S. D.	8.809	9.197	8.678	9.098	8.885	7.332	5.731	6.073	7.636	8.555	8.718	7.729	17.731
	TOTAL OBS	837	761	834	793	815	785	772	816	804	834	810	837	9698
15-17	MEAN	21.4	23.1	32.1	40.8	51.0	61.1	66.1	65.6	57.5	47.0	37.0	26.7	44.0
	S. D.	8.601	9.151	8.427	9.091	8.761	7.242	5.846	5.991	7.566	8.642	8.867	7.971	17.565
	TOTAL OBS	837	762	834	795	820	786	777	822	806	837	810	837	9723
18-20	MEAN	19.3	20.8	30.4	38.9	48.9	59.2	64.4	64.0	55.3	44.5	34.9	24.7	42.0
	S. D.	9.441	9.719	8.455	8.752	8.458	6.957	5.597	5.930	7.612	8.543	8.835	8.767	17.695
	TOTAL OBS	837	760	833	795	820	786	777	823	805	837	810	834	9717
21-23	MEAN	17.7	18.8	28.6	36.2	46.1	56.4	61.7	61.4	52.6	42.6	33.7	23.7	39.8
	S. D.	10.333	10.563	9.060	8.850	8.516	7.212	5.984	6.466	8.185	8.994	8.995	9.392	17.504
	TOTAL OBS	837	762	834	792	819	788	778	819	804	837	810	834	9711
ALL HOURS	MEAN	18.4	19.2	28.9	37.4	47.5	57.6	62.6	62.1	53.9	43.7	34.6	24.2	40.7
	S. D.	10.378	10.801	9.506	9.384	9.229	8.031	6.707	7.037	8.509	9.008	9.067	9.041	17.829
	TOTAL OBS	6696	6090	6669	6353	6548	6284	6207	6530	6433	6693	6479	6690	77672

USAFETAC FORM JUL 84 0-89-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
0-02	MEAN	11.7	11.8	22.4	29.9	40.0	51.6	57.1	57.4	48.7	37.9	29.2	18.2	34.5
	S D	13.152	13.646	12.171	10.966	10.308	8.647	7.467	7.661	9.496	10.135	10.783	11.631	19.175
	TOTAL OBS	837	761	834	795	818	786	777	813	803	837	810	837	9708
3-05	MEAN	11.4	11.2	21.8	29.3	39.4	50.6	56.0	56.2	48.1	37.4	28.8	17.8	33.9
	S D	13.622	13.901	12.210	10.906	10.148	8.826	7.667	7.943	9.347	10.151	10.644	11.452	19.019
	TOTAL OBS	837	762	834	795	819	784	777	814	804	837	810	837	9710
6-08	MEAN	10.9	10.5	21.5	30.0	41.2	52.7	57.7	57.2	48.6	37.6	28.5	17.9	34.4
	S D	13.784	14.283	12.654	10.805	9.758	8.401	6.949	7.503	9.226	10.130	10.863	11.501	19.630
	TOTAL OBS	837	762	834	795	819	785	776	813	804	837	809	837	9708
9-11	MEAN	12.1	13.1	23.8	31.2	42.3	54.1	59.6	59.6	51.0	39.7	30.3	19.4	36.2
	S. D.	12.875	13.014	11.397	11.290	10.591	8.884	7.124	7.465	9.136	10.304	10.741	10.811	19.527
	TOTAL OBS	837	760	832	793	818	784	776	810	803	837	810	837	9697
12-14	MEAN	13.8	15.0	24.4	32.3	42.4	54.5	59.8	59.8	50.9	39.6	30.3	20.7	36.8
	S. D.	11.787	12.233	11.480	11.086	11.089	8.982	7.739	8.010	9.705	10.983	10.737	10.466	19.105
	TOTAL OBS	837	761	834	793	815	785	772	816	804	834	810	837	9698
15-17	MEAN	13.6	15.2	24.6	32.0	42.0	54.2	59.7	59.9	51.0	39.9	30.0	20.6	36.8
	S. D.	11.872	12.626	11.525	11.067	10.903	9.058	7.985	7.970	9.456	11.072	11.145	11.006	19.154
	TOTAL OBS	837	762	834	795	820	786	777	822	806	837	810	837	9723
18-20	MEAN	12.7	14.0	24.3	31.4	41.5	53.4	59.1	59.7	50.7	39.2	29.5	19.3	36.1
	S. D.	12.313	12.999	11.671	11.142	10.592	8.730	7.802	7.819	8.977	10.677	11.022	11.324	19.300
	TOTAL OBS	837	760	833	795	820	786	777	823	805	837	810	834	9717
21-23	MEAN	11.8	12.6	23.7	30.7	41.1	53.0	58.6	58.8	49.5	38.4	29.0	18.8	35.4
	S. D.	12.646	13.544	11.845	10.911	10.072	8.300	7.206	7.444	9.006	10.555	10.852	11.610	19.350
	TOTAL OBS	837	762	834	792	819	788	775	819	804	837	810	834	9711
ALL HOURS	MEAN	12.3	12.9	23.3	30.9	41.2	53.0	58.5	58.6	49.8	38.7	29.4	19.1	35.5
	S. D.	12.806	13.386	11.926	11.061	10.481	8.819	7.607	7.844	9.361	10.544	10.863	11.274	19.312
	TOTAL OBS	6696	6090	6669	6353	6548	6284	6207	6530	6433	6693	6479	6690	77672

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.8	97.5	88.2	63.7	32.6	9.6	75.0	837
	03-05	100.0	100.0	100.0	99.4	97.1	88.8	66.4	38.6	9.0	75.7	837
	06-08	100.0	100.0	100.0	99.2	98.1	88.2	70.5	39.2	10.4	76.3	837
	09-11	100.0	100.0	100.0	99.3	97.0	86.9	63.4	33.7	9.4	74.5	837
	12-14	100.0	100.0	100.0	98.9	90.1	65.9	39.9	17.6	5.7	67.3	837
	15-17	100.0	100.0	100.0	97.6	82.7	61.6	36.6	18.2	6.2	65.6	837
	18-20	100.0	100.0	100.0	99.3	93.0	75.3	50.1	22.5	7.4	70.5	837
	21-23	100.0	100.0	100.0	99.6	96.9	84.8	57.8	26.9	7.3	73.1	837
TOTALS		100.0	100.0	100.0	99.1	94.1	80.0	56.1	28.7	8.1	72.3	6696

USAFETAC FORM JAN 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 PERIOD | FEB MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.2	95.0	85.2	60.3	34.3	11.8	74.2	761
	03-05	100.0	100.0	99.7	99.7	96.6	87.3	65.9	37.5	14.3	76.0	762
	06-08	100.0	99.9	99.6	99.6	96.9	88.1	69.0	38.3	15.2	76.3	762
	09-11	100.0	100.0	99.9	98.7	94.2	82.6	60.4	34.9	11.4	73.8	760
	12-14	100.0	100.0	99.2	97.2	84.4	62.9	39.0	20.9	7.1	66.7	761
	15-17	100.0	100.0	98.6	93.4	80.1	60.8	39.1	21.1	6.8	65.6	762
	18-20	100.0	100.0	99.2	96.6	87.6	72.1	49.9	28.0	10.4	69.9	760
	21-23	100.0	100.0	99.9	97.8	92.1	79.8	55.0	31.1	10.5	72.3	762
TOTALS		100.0	100.0	99.5	97.8	90.9	77.4	54.8	30.8	10.9	71.9	6090

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 PERIOD | MAR MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.2	95.6	89.1	70.4	46.5	16.8	77.5	834
	03-05	100.0	100.0	100.0	99.9	98.1	90.4	73.9	48.7	19.8	78.8	834
	06-08	100.0	100.0	100.0	100.0	98.6	91.4	71.7	49.3	17.3	78.6	834
	09-11	100.0	100.0	99.9	98.6	92.3	77.4	54.4	34.0	13.0	72.6	832
	12-14	100.0	99.9	98.8	93.4	78.4	60.9	40.0	23.4	9.4	66.1	834
	15-17	100.0	99.6	97.1	90.8	76.3	60.2	41.6	24.8	7.9	65.4	834
	18-20	100.0	99.9	98.8	94.2	86.1	74.5	56.1	34.5	11.5	71.1	833
	21-23	100.0	100.0	99.9	98.7	92.9	84.2	68.1	44.8	15.6	75.9	834
TOTALS		100.0	99.9	99.3	96.9	89.8	78.5	59.5	38.3	13.9	73.3	6669

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	99.1	95.3	81.6	60.5	37.6	15.6	74.7	795
	03-05	100.0	100.0	100.0	99.7	97.6	85.3	64.0	39.4	17.1	76.2	795
	06-08	100.0	100.0	100.0	99.4	96.4	82.4	61.1	37.9	15.7	74.9	795
	09-11	100.0	99.7	96.5	88.4	70.2	47.9	30.8	21.1	10.2	62.2	793
	12-14	100.0	99.4	93.6	81.8	62.8	41.4	26.4	18.2	9.6	58.9	793
	15-17	100.0	99.0	92.2	80.6	61.1	41.9	28.4	19.4	8.7	58.7	795
	18-20	100.0	99.6	96.0	87.8	70.8	51.8	36.6	25.0	13.0	63.8	795
	21-23	100.0	100.0	99.9	97.5	88.6	72.2	51.1	33.6	17.0	71.7	792
TOTALS		100.0	99.7	97.3	91.8	80.4	63.1	44.9	29.0	13.4	67.6	6353

USAFETAC FORM AWS 64 0-87-5 (OL A)

AD-A118 510 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WURTSMITH AFB, MICHIGAN. REVISED UNIFORM SUMMARY OF SURFACE WEA--ETC(U)
JUN 82

UNCLASSIFIED USAFETAC/DS-82/037 SBI-AD-E850 196 NL

6 6



END

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (PERIOD) MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	98.5	93.9	83.1	65.9	41.8	18.9	76.4	818
	03-05	100.0	100.0	100.0	99.5	96.5	88.6	75.2	51.4	22.3	79.2	819
	06-08	100.0	100.0	99.9	98.3	91.8	80.0	61.5	39.4	16.4	74.5	819
	09-11	100.0	99.1	94.5	80.6	62.3	42.7	29.2	15.5	7.7	59.0	818
	12-14	100.0	98.4	87.4	70.8	54.2	35.8	20.7	12.8	6.0	54.5	815
	15-17	100.0	99.1	88.2	70.1	54.0	35.4	21.8	11.6	6.6	54.4	820
	18-20	100.0	99.9	94.4	82.9	66.6	47.9	32.4	17.2	11.0	60.9	820
	21-23	100.0	100.0	100.0	96.6	89.4	73.5	53.7	30.5	13.6	71.6	819
TOTALS		100.0	99.6	95.6	87.2	76.1	60.9	45.1	27.5	12.8	66.3	6548

USAFETAC FORM JUL 84 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.7	94.4	81.9	57.6	20.7	81.4	786
	03-05	100.0	100.0	100.0	100.0	99.9	95.5	86.9	67.0	27.2	83.6	784
	06-08	100.0	100.0	100.0	99.9	98.3	89.0	73.9	48.7	19.5	79.1	785
	09-11	100.0	100.0	98.9	93.0	76.8	54.6	33.2	17.9	5.5	63.7	784
	12-14	100.0	100.0	97.3	83.2	62.7	41.8	24.2	11.5	3.1	58.1	785
	15-17	100.0	99.9	96.7	80.3	61.6	43.9	24.4	12.8	4.8	58.2	786
	18-20	100.0	100.0	99.1	91.5	72.6	55.5	37.2	21.1	6.2	64.1	786
	21-23	100.0	100.0	100.0	99.5	97.0	87.6	68.9	41.1	14.1	76.8	788
TOTALS		100.0	100.0	99.0	93.4	83.6	70.3	53.8	34.7	12.6	70.6	6284

USAFETAC FORM AUG 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

726395 (STATION) WURTSMITH AFB,MI (STATION NAME) 73-81 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.6	95.4	84.7	62.5	19.9	82.2	777
	03-05	100.0	100.0	100.0	99.9	99.9	98.2	93.4	69.2	23.7	84.6	777
	06-08	100.0	100.0	100.0	99.9	99.0	93.6	79.6	52.6	16.5	80.0	776
	09-11	100.0	100.0	99.7	94.6	81.7	58.6	32.2	15.1	5.5	64.4	776
	12-14	100.0	100.0	97.3	85.5	65.3	41.1	22.0	10.9	3.0	58.1	772
	15-17	100.0	100.0	96.3	85.7	64.7	40.5	23.2	13.6	4.0	58.4	777
	18-20	99.9	99.9	99.2	93.3	78.5	56.5	36.6	19.2	5.7	64.4	777
	21-23	100.0	100.0	100.0	99.7	96.5	89.0	68.4	43.5	13.4	76.8	775
TOTALS		100.0	100.0	99.1	94.8	85.7	71.6	55.0	35.8	11.5	71.1	6207

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

726395 (STATION) HURTSMITH AFB,MI (STATION NAME) 73-81 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.4	99.0	91.0	67.7	26.7	84.4	813
	03-05	100.0	99.9	99.9	99.9	99.8	99.3	94.5	78.1	37.0	86.9	814
	06-08	100.0	100.0	100.0	99.9	99.9	98.5	90.2	69.9	27.2	84.6	813
	09-11	100.0	100.0	99.9	98.4	90.1	70.5	44.6	24.3	5.6	68.7	810
	12-14	100.0	100.0	99.5	91.2	74.0	50.1	25.4	12.7	2.8	61.0	816
	15-17	100.0	99.6	98.5	91.2	72.7	50.6	27.9	15.8	3.4	61.6	822
	18-20	100.0	99.9	99.3	95.7	88.2	71.1	48.8	27.3	8.1	69.6	823
	21-23	100.0	100.0	100.0	100.0	98.9	95.7	81.4	51.9	18.6	80.5	819
TOTALS		100.0	99.9	99.6	97.0	90.4	79.4	63.0	43.5	16.2	74.7	6530

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 PERIOD | DEC MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	98.8	90.3	70.0	41.7	15.8	77.2	837
	03-05	100.0	100.0	100.0	100.0	99.0	89.8	70.0	41.7	14.3	77.3	837
	06-08	100.0	100.0	100.0	99.9	98.0	91.2	73.7	43.5	16.8	77.8	837
	09-11	100.0	100.0	100.0	100.0	97.1	88.9	69.5	43.1	18.0	77.1	837
	12-14	100.0	100.0	100.0	98.1	91.0	76.5	55.6	32.5	11.5	72.1	837
	15-17	100.0	100.0	100.0	98.0	89.2	74.3	53.9	31.9	11.6	71.3	837
	18-20	100.0	100.0	99.9	99.4	95.6	83.8	59.0	37.4	15.0	74.6	834
	21-23	100.0	100.0	100.0	99.5	98.3	88.1	68.2	39.9	16.5	76.5	834
TOTALS		100.0	100.0	100.0	99.4	95.9	85.4	65.0	39.0	14.9	75.5	6690

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 PERIOD | SEP MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.5	97.6	87.3	56.4	17.7	81.6	803
	03-05	100.0	100.0	100.0	100.0	100.0	99.1	92.2	65.5	23.5	83.9	804
	06-08	100.0	100.0	100.0	100.0	99.9	98.5	90.0	65.3	25.2	83.8	804
	09-11	100.0	100.0	99.9	98.4	90.2	71.2	50.6	25.8	8.0	70.2	803
	12-14	100.0	100.0	98.5	88.8	71.1	46.9	27.6	14.3	5.2	60.9	804
	15-17	100.0	100.0	98.3	88.0	73.0	47.3	26.6	15.5	4.3	61.1	806
	18-20	100.0	100.0	100.0	97.8	90.4	75.3	50.6	24.2	7.2	70.4	805
	21-23	100.0	100.0	100.0	100.0	99.1	93.7	77.5	45.1	11.9	78.7	804
TOTALS		100.0	100.0	99.6	96.6	90.4	78.7	62.8	39.0	12.9	73.8	6433

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 PERIOD | OCT MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	98.6	93.2	71.7	46.1	13.9	78.0	837
	03-05	100.0	100.0	100.0	100.0	98.9	94.6	79.0	52.1	16.6	79.8	837
	06-08	100.0	100.0	100.0	100.0	99.9	94.3	82.7	54.5	18.8	80.6	837
	09-11	100.0	100.0	99.9	99.0	90.4	70.8	47.9	22.6	6.6	69.6	837
	12-14	100.0	100.0	99.0	92.2	69.9	48.0	28.2	11.5	2.6	60.5	834
	15-17	100.0	100.0	98.8	91.5	73.1	51.3	31.3	13.7	3.5	61.9	837
	18-20	100.0	100.0	99.9	98.7	89.8	72.4	49.0	26.3	7.3	70.3	837
	21-23	100.0	100.0	100.0	100.0	97.8	86.1	63.1	38.9	9.1	75.4	837
TOTALS		100.0	100.0	99.7	97.7	89.8	76.3	56.6	33.2	9.8	72.0	6693

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 PERIOD | NOV MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	99.1	90.2	67.8	40.5	15.1	76.8	810
	03-05	100.0	100.0	100.0	99.9	98.9	93.1	70.6	44.9	17.7	78.1	810
	06-08	100.0	100.0	100.0	100.0	99.3	92.5	71.9	46.2	18.5	78.4	809
	09-11	100.0	100.0	100.0	99.5	96.4	82.8	58.0	35.1	14.4	74.1	810
	12-14	100.0	100.0	100.0	95.8	79.1	54.3	33.5	20.5	9.1	64.9	810
	15-17	100.0	100.0	99.4	93.7	79.1	58.1	34.9	21.0	9.6	65.3	810
	18-20	100.0	100.0	100.0	99.3	93.0	76.8	50.9	29.3	14.2	72.1	810
	21-23	100.0	100.0	100.0	100.0	98.1	86.3	62.0	34.0	15.3	75.2	810
TOTALS		100.0	100.0	99.9	98.5	92.9	79.3	56.2	33.9	14.2	73.1	6479

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

726395 (STATION) | WURTSMITH AFB,MI (STATION NAME) | 73-81 (PERIOD) | ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	99.1	94.1	80.0	56.1	28.7	8.1	72.3	6696
FEB		100.0	100.0	99.5	97.8	90.9	77.4	54.8	30.8	10.9	71.9	6090
MAR		100.0	99.9	99.3	96.9	89.8	78.5	59.5	38.3	13.9	73.3	6669
APR		100.0	99.7	97.3	91.8	80.4	63.1	44.9	29.0	13.4	67.6	6353
MAY		100.0	99.6	95.6	87.2	76.1	60.9	45.1	27.5	12.8	66.3	6548
JUN		100.0	100.0	99.0	93.4	83.6	70.3	53.8	34.7	12.6	70.6	6284
JUL		100.0	100.0	99.1	94.8	85.7	71.6	55.0	35.8	11.5	71.1	6207
AUG		100.0	99.9	99.6	97.0	90.4	79.4	63.0	43.5	16.2	74.7	6530
SEP		100.0	100.0	99.6	96.6	90.4	78.7	62.8	39.0	12.9	73.8	6433
OCT		100.0	100.0	99.7	97.7	89.8	76.3	56.6	33.2	9.8	72.0	6693
NOV		100.0	100.0	99.9	98.5	92.9	79.3	56.2	33.9	14.2	73.1	6479
DEC		100.0	100.0	100.0	99.4	95.9	85.4	65.0	39.0	14.9	75.5	6690
TOTALS		100.0	99.9	99.1	95.9	88.3	75.1	56.1	34.5	12.6	71.9	77672

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

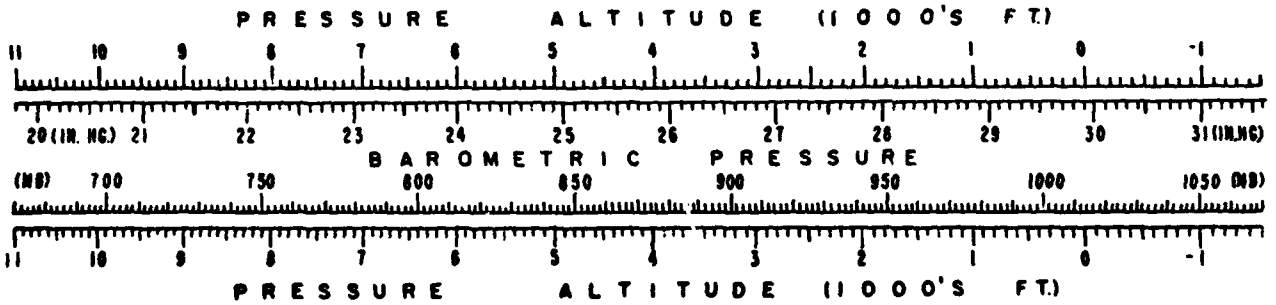
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	29.262	29.315	29.255	29.274	29.239	29.234	29.273	29.316	29.315	29.312	29.285	29.284	29.280
	S. D.	.280	.286	.256	.255	.170	.182	.140	.133	.161	.222	.251	.267	.225
	TOTAL OBS	279	254	279	270	279	270	279	279	270	279	270	278	3286
	MEAN	29.262	29.306	29.245	29.268	29.233	29.230	29.267	29.311	29.308	29.308	29.283	29.285	29.275
	S. D.	.291	.292	.261	.259	.177	.189	.144	.137	.169	.227	.252	.265	.229
	TOTAL OBS	279	254	279	270	279	270	279	279	270	279	270	279	3287
	MEAN	29.264	29.313	29.261	29.289	29.255	29.249	29.285	29.329	29.326	29.321	29.289	29.287	29.289
7	S. D.	.296	.300	.270	.261	.184	.193	.149	.142	.175	.232	.256	.267	.234
	TOTAL OBS	279	254	279	270	279	270	279	279	270	279	270	279	3287
	MEAN	29.286	29.327	29.271	29.296	29.258	29.253	29.290	29.335	29.335	29.333	29.303	29.301	29.299
10	S. D.	.299	.308	.278	.264	.188	.195	.151	.145	.177	.236	.256	.271	.238
	TOTAL OBS	279	254	279	269	279	270	279	279	270	279	270	279	3286
	MEAN	29.257	29.307	29.252	29.276	29.245	29.240	29.280	29.321	29.317	29.308	29.277	29.272	29.279
13	S. D.	.294	.309	.276	.258	.184	.193	.147	.142	.171	.233	.254	.271	.235
	TOTAL OBS	279	254	279	270	279	270	279	279	270	279	270	279	3287
	MEAN	29.251	29.288	29.231	29.257	29.227	29.224	29.260	29.299	29.294	29.293	29.268	29.265	29.263
16	S. D.	.283	.304	.265	.249	.177	.186	.141	.138	.165	.227	.249	.268	.228
	TOTAL OBS	279	254	279	270	279	270	279	279	270	279	270	279	3287
	MEAN	29.274	29.313	29.247	29.261	29.228	29.220	29.256	29.297	29.302	29.311	29.289	29.286	29.273
19	S. D.	.278	.292	.255	.242	.167	.178	.133	.131	.156	.222	.244	.267	.222
	TOTAL OBS	279	254	278	270	278	270	279	279	270	279	270	278	3284
	MEAN	29.276	29.322	29.259	29.279	29.246	29.237	29.272	29.314	29.318	29.317	29.290	29.287	29.285
22	S. D.	.280	.286	.251	.246	.166	.180	.132	.129	.157	.224	.244	.268	.221
	TOTAL OBS	279	254	279	270	278	270	279	279	270	278	270	278	3284
	MEAN	29.266	29.311	29.253	29.275	29.241	29.234	29.273	29.315	29.314	29.313	29.285	29.284	29.280
ALL HOURS	S. D.	.288	.297	.264	.254	.177	.187	.142	.137	.166	.228	.251	.268	.229
	TOTAL OBS	2232	2032	2231	2159	2230	2160	2232	2232	2160	2231	2160	2229	26288

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GLOBAL CLIMATOLOGY BRANCH
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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

726395 STATION | WURTSMITH AFB,MI STATION NAME | 73-81 YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1015.4	1017.3	1014.9	1015.3	1013.8	1013.3	1014.5	1016.1	1016.2	1016.4	1015.7	1016.0	1015.4
	S D	9.897	10.164	9.013	8.923	6.008	6.420	4.914	4.659	5.710	7.778	8.799	9.423	7.921
	TOTAL OBS	279	254	279	270	279	270	279	279	270	279	270	279	3287
4	MEAN	1015.4	1017.0	1014.5	1015.0	1013.6	1013.2	1014.3	1015.9	1016.0	1016.3	1015.6	1016.1	1015.2
	S D	10.245	10.352	9.188	9.093	6.219	6.658	5.077	4.811	5.957	7.949	8.827	9.344	8.079
	TOTAL OBS	279	254	279	270	279	270	279	279	270	279	270	279	3287
7	MEAN	1015.5	1017.2	1015.1	1015.8	1014.3	1013.9	1015.0	1016.6	1016.7	1016.8	1015.9	1016.2	1015.7
	S D	10.460	10.617	9.500	9.122	6.448	6.747	5.204	4.949	6.160	8.125	8.966	9.430	8.230
	TOTAL OBS	279	254	279	270	279	270	279	279	270	279	270	279	3287
10	MEAN	1016.3	1017.7	1015.4	1016.0	1014.4	1014.0	1015.1	1016.7	1016.9	1017.1	1016.4	1016.7	1016.1
	S D	10.588	10.911	9.825	9.240	6.603	6.822	5.288	5.032	6.199	8.252	8.966	9.568	8.378
	TOTAL OBS	279	254	279	269	279	270	279	279	270	279	270	279	3286
13	MEAN	1015.3	1017.0	1014.8	1015.4	1014.0	1013.6	1014.6	1016.2	1016.3	1016.3	1015.4	1015.6	1015.4
	S D	10.386	10.933	9.754	9.007	6.454	6.746	5.137	4.950	6.030	8.190	8.884	9.545	8.264
	TOTAL OBS	279	254	279	270	279	270	279	279	270	278	270	278	3285
16	MEAN	1015.1	1016.4	1014.0	1014.7	1013.4	1013.0	1014.1	1015.5	1015.5	1015.7	1015.1	1015.4	1014.8
	S. D.	9.987	10.758	9.344	8.713	6.203	6.533	4.980	4.842	5.822	7.942	8.716	9.446	8.036
	TOTAL OBS	279	254	279	270	279	270	279	279	270	279	270	279	3287
19	MEAN	1016.0	1017.2	1014.6	1014.9	1013.4	1012.9	1014.0	1015.4	1015.9	1016.4	1015.9	1016.1	1015.2
	S. D.	9.848	10.369	9.000	8.498	5.879	6.260	4.681	4.589	5.503	7.782	8.563	9.421	7.852
	TOTAL OBS	279	254	278	270	278	270	279	279	270	279	270	278	3284
22	MEAN	1016.0	1017.5	1015.0	1015.5	1013.9	1013.4	1014.5	1016.1	1016.4	1016.6	1015.9	1016.2	1015.6
	S. D.	9.873	10.167	8.876	8.582	5.888	6.340	4.589	4.541	5.496	7.850	8.591	9.455	7.824
	TOTAL OBS	279	254	278	270	278	270	279	277	270	279	270	278	3282
ALL HOURS	MEAN	1015.6	1017.2	1014.8	1015.3	1013.8	1013.4	1014.5	1016.1	1016.2	1016.4	1015.7	1016.0	1015.4
	S. D.	10.156	10.526	9.312	8.897	6.219	6.569	4.996	4.812	5.871	7.982	8.783	9.447	8.082
	TOTAL OBS	2232	2032	2230	2159	2230	2160	2232	2230	2160	2231	2160	2229	26285

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